



# Cloud to Cable TV

Media Streaming Patent & IP Portfolio

[cloudtocable.com](http://cloudtocable.com) | [eglacomm.com](http://eglacomm.com)



# Introduction

**We** have developed a technology to deliver music & TV content to cable operators and mobile devices, all in one-stop-shop.

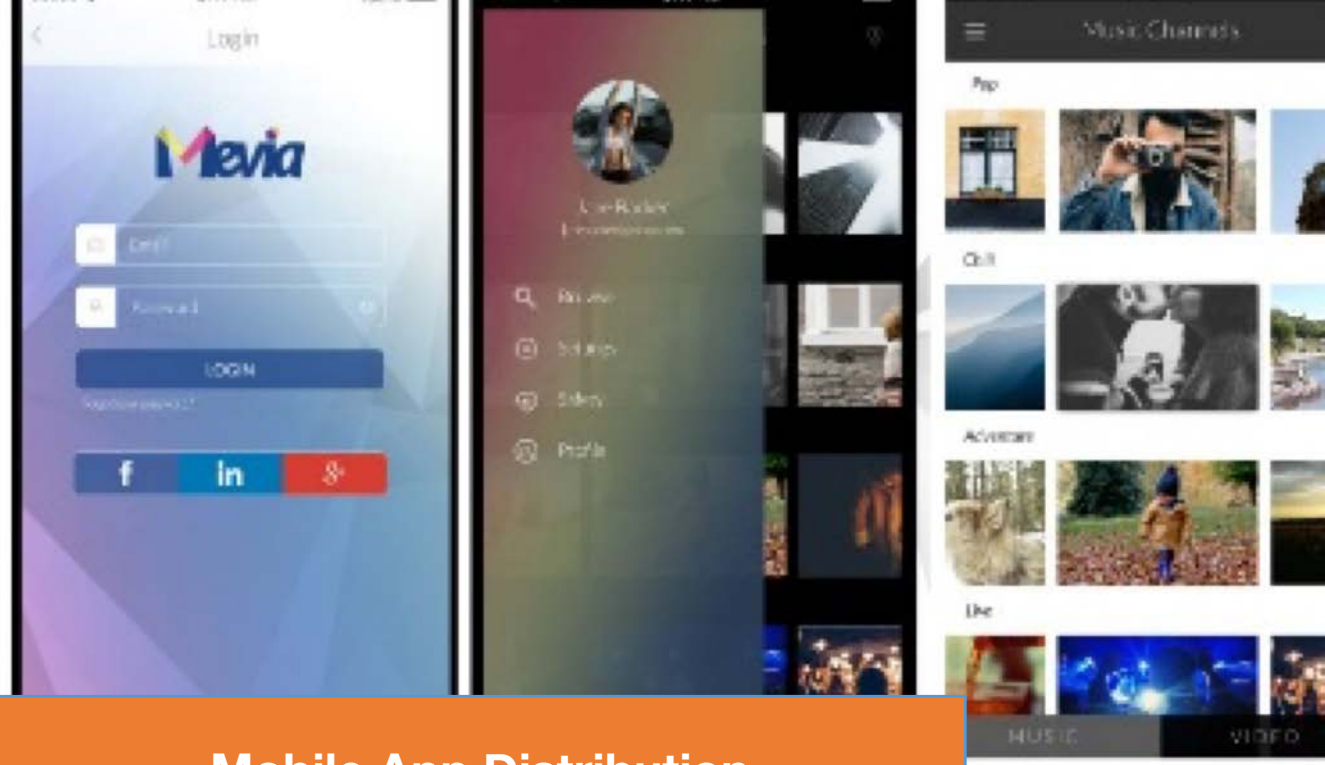
Our portfolio includes a license to:

- US patents
- European patents
- Software and trade secrets

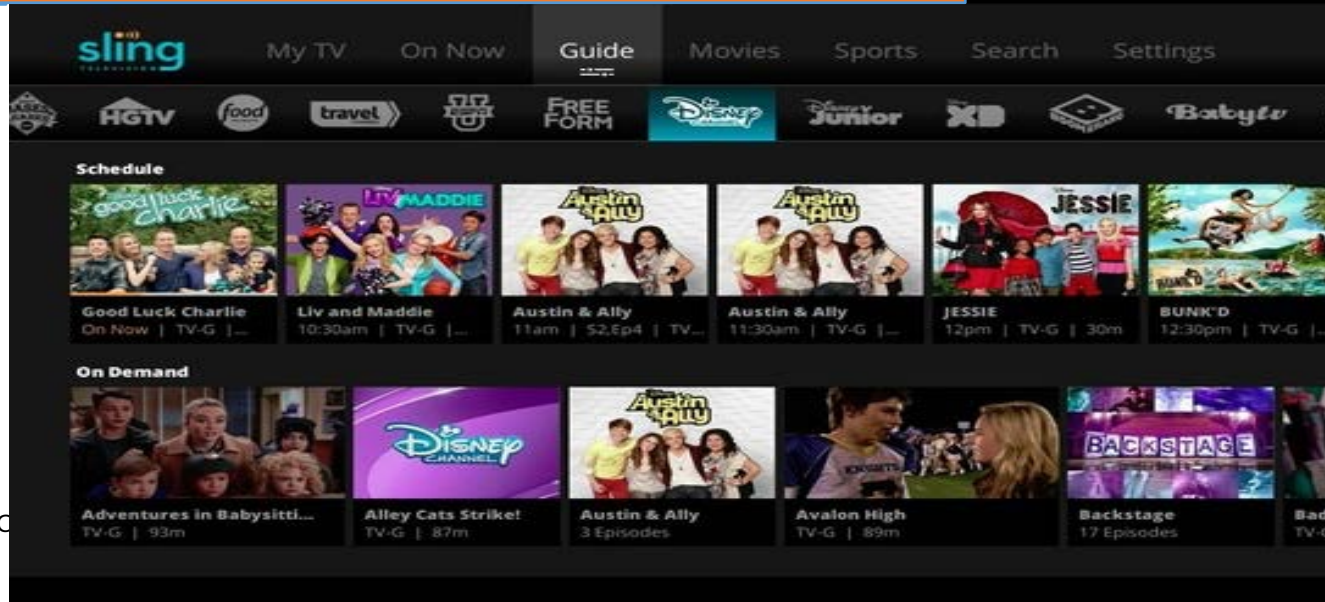
The logo for CEGLA CORP features a stylized blue 'C' with a diagonal line through it, followed by the letters 'EGLA' in a bold, blue, sans-serif font, and 'CORP' in a smaller, blue, sans-serif font below it.



Cable TV Distribution



Mobile App Distribution



# Success Stories



## MOOD MEDIA | DMX

- Distributed music content to 20M subscribers in LATAM
- Successful sale of MOOD/DMX to Stingray Digital for \$16M
- EGLA's Customers:
  - Cablevision Mexico, Axtel TV,
  - Claro TV, TIGO, and many others



## SKY BRASIL

- Launched their SKY TUNES streaming service with EGLA
- Thousands of listeners content available in mobile, web, and Cable TV



## CABLE COLOR

- 700K Subscribers
- El Salvador, Honduras, and Guatemala



# The IP and Technology

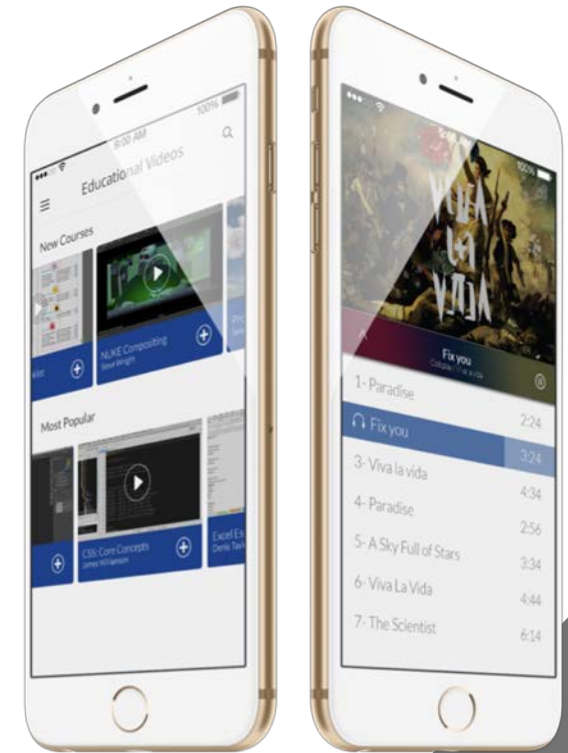


Patented innovative technology called:  
**CLOUD to CABLE**

- Music broadcasting to Operators
- Modern virtualization and cloud technologies
- Broadcasting with fault-tolerance
- Parallel transcoding
- Web-based approach
- Interactive and VOD integration
- TV & Music all in one Platform

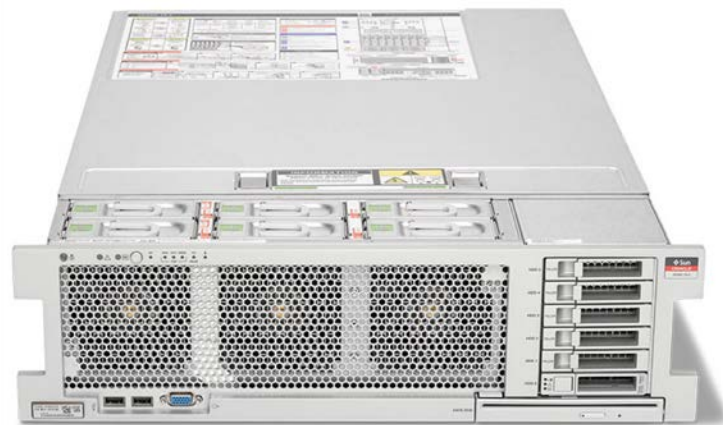


Software and technologies tested in several operators, iOS, Android device, and several Set Top Boxes





Music & TV Content



Patented Technology



# Overview of Patents

Utility Patent Issued  
10,123,074 18 Claims

US Patent Continuation  
16/152,606 14 Claims

European  
EP3238457A1 23 Claims



US010123074B2

## (12) United States Patent Hernandez-Mondragon

(10) Patent No.: **US 10,123,074 B2**  
(45) Date of Patent: **Nov. 6, 2018**

### (54) METHOD, SYSTEM, AND APPARATUS FOR MULTIMEDIA CONTENT DELIVERY TO CABLE TV AND SATELLITE OPERATORS

(58) Field of Classification Search  
CPC ..... H04N 21/440218; H04N 21/233; H04N 21/234309; H04N 21/2387; (Continued)

(71) Applicant: **Edwin A. Hernandez-Mondragon**, Coral Springs, FL (US)

### (56) References Cited

U.S. PATENT DOCUMENTS

(72) Inventor: **Edwin A. Hernandez-Mondragon**, Coral Springs, FL (US)

6,886,178 B1 4/2005 Mao et al.  
7,020,888 B2 3/2006 Reynolds et al. (Continued)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

### OTHER PUBLICATIONS

(21) Appl. No.: **15/538,911**

Justin Pot: "Save Videos From Any Site—Even Netflix—With Applian's Replay Capture Suite", Jun. 3, 2014 (Jun. 3, 2014), XPO55472253, Retrieved from the Internet: URL:https://www.makuseof.com/tag/savevideos- from-any-site-even-netflix-with-applians-replay-capture-suite/ [retrieved on May 3, 2018]. (Continued)

(22) PCT Filed: **Dec. 22, 2015**

(86) PCT No.: **PCT/US2015/067464**

§ 371 (c)(1),  
(2) Date: **Jun. 22, 2017**

(87) PCT Pub. No.: **WO2016/106360**

PCT Pub. Date: **Jun. 30, 2016**

### (65) Prior Publication Data

US 2017/0374417 A1 Dec. 28, 2017

### Related U.S. Application Data

(60) Provisional application No. 62/095,504, filed on Dec. 22, 2014.

### (51) Int. Cl.

**H04N 21/4402** (2011.01)  
**H04N 21/2343** (2011.01)  
(Continued)

(52) U.S. Cl.  
CPC ... **H04N 21/440218** (2013.01); **H04N 21/233**

Primary Examiner — Hunter B Lonsberry  
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### (57) ABSTRACT

Systems, methods, and computer-readable media for delivering multimedia content from the cloud to cable operators are disclosed. A device located at the cable headend or implemented in the cloud can receive a request for at least one media stream for playback on a broadcast media channel. Content corresponding to a plurality of multimedia files in the media stream can be obtained from the internet or a cloud based service. The content can be used to generate the multimedia files in a format that is compatible with the cable operator. The multimedia files can be used to assemble the at least one media stream which can be provided to the cable operator for broadcast on the broadcast media channel.



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16/152,606	10/05/2018	2447	785	162774.00111	15	3

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FILING RECEIPT



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86000  
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Date Mailed: 10/26/2018

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s) Edwin A. HERNANDEZ-MONDRAGON, Coral Springs, FL;

Applicant(s) Edwin A. HERNANDEZ-MONDRAGON, Coral Springs, FL;

Power of Attorney: None

### Domestic Priority data as claimed by applicant

This application is a CON of 15/538,911 06/22/2017 PAT 10123074 which is a 371 of PCT/US2015/067464 12/22/2015 which claims benefit of 62/095,504 12/22/2014

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.  
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Method, system, and apparatus for multimedia content delivery to cable tv and satellite operators

### Abstract

Systems, methods, and computer-readable media for delivering multimedia content from the cloud to cable operators are disclosed. A device located at the cable headend or implemented in the cloud can receive a request for at least one media stream for playback on a broadcast media channel. Content corresponding to a plurality of multimedia files in the media stream can be obtained from the internet or a cloud based service. The content can be used to generate the multimedia files in a format that is compatible with the cable operator. The multimedia files can be used to assemble the at least one media stream which can be provided to the cable operator for broadcast on the broadcast media channel.

### Classifications

H04N21/440218 Processing of video elementary streams, e.g. splicing a video clip retrieved from local storage with an incoming video stream, rendering scenes according to MPEG-4 scene graphs involving reformatting operations of video signals for household redistribution, storage or real-time display by transcoding between formats or standards, e.g. from MPEG-2 to MPEG-4

[View 14 more classifications](#)

EP3238457A1

EP Application

[Find Prior Art](#) [Similar](#)

Other languages: German, French

Inventor: Edwin A. Hernandez-Mondragon

Original Assignee: Edwin A. Hernandez-Mondragon

Priority date: 2014-12-22

Family: EP (1) WO (1)

Date	App/Pub Number	Status
2015-12-22	EP20150874332	Pending
2017-11-01	EP3238457A1	Application
2018-09-19	EP3238457A4	Application

Info: Patent citations (7) Legal events, Similar documents, Priority and Related Applications

External links: Espacenet, EPO GPI, EP Register, Global Dossier, Discuss



Web-based technologies in Cable TV



Music & TV Broadcasting



Virtualization and Cloud-based claims

# Overview of Technology, Software and Trade Secrets

## Software : MEVIA Appliance

## Trade Secrets : Configuration and parameters

Hardware Specification September 2018 Amplify your reach®



### OPERATOR APPLIANCE : MEVIA MUSIC FOR CABLE

The MEVIA "Music for Cable" Appliance implements our CLOUDTOCABLE patented technology. This appliance enables easy distribution of audio/video content to IPTV Systems and Cable/Satellite operators. An operator can add to your EPG/Grid "music for cable" content over the Internet



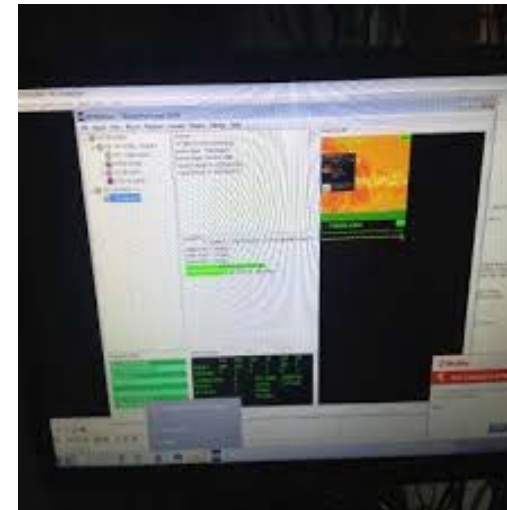
**Model:**  
**MEVIA-MUSIC-FOR-CABLE-2018**

**Components:**

- Gigabit Ethernet Network Input/Output
- 6TB RAID with AMD Opteron, 64G of

**Main features:**

- Remote Access and monitoring
- Two Gbps network ports to insulate network operator from internet
- Internet-based updates
- Support for multiple encoding formats and protocols



# What can CLOUD to CABLE can do for you?

For patent litigation matters, owning a license to our portfolio and patents brings value to your company, enhances the future and enables better positioning in the market..

In summary: ● Cloud & VOD Broadcast ● Cable TV and Satellite Broadcast

Cloud to Cable delivers **a one-stop-shop to "Amplify your Reach®"**

## Appliance for Operators:



Patented technology

- VOD Broadcast
- Linear TV Broadcast

## Mobile, Connected Apps



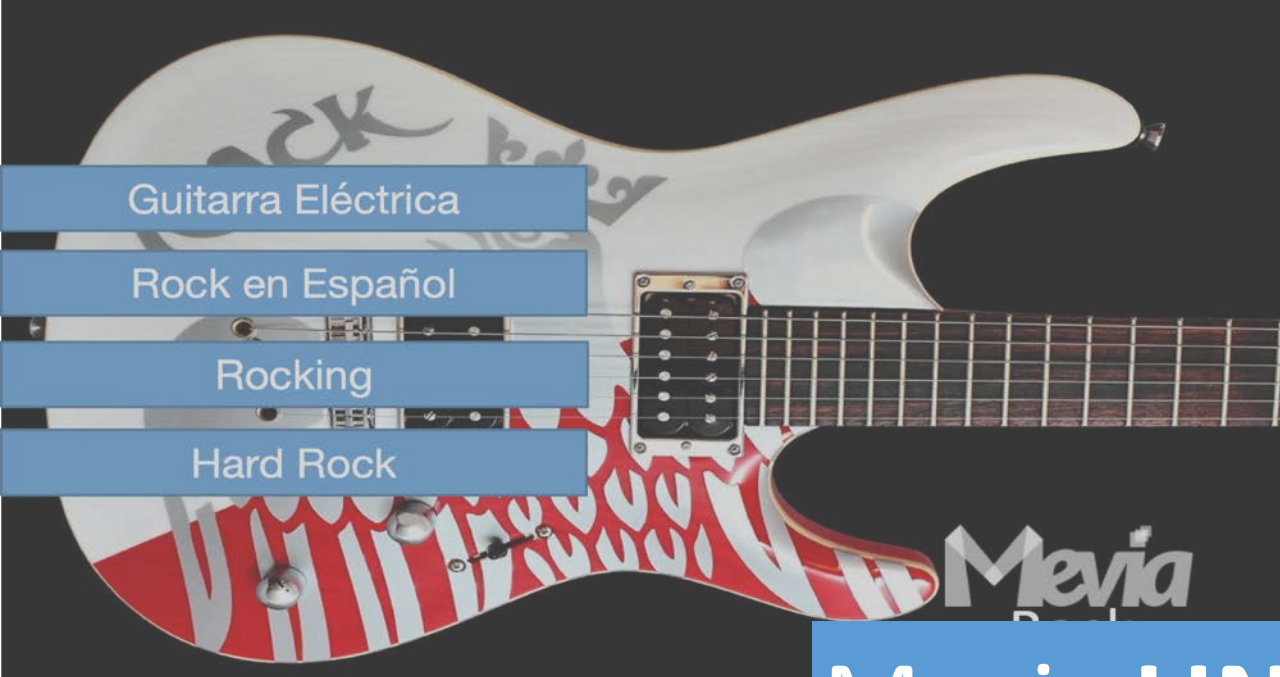
Reference implementations for Apps

- iOS, Android



MUSIC FOR  
**CABLE**

Powered by **CLOUD TO CABLE**



Guitarra Eléctrica

Rock en Español

Rocking

Hard Rock

**Mevia**  
Dance & Electro



Gemelos

Mantra

Tendencias

Metro

Nuevo Lounge

Reflecciones

Chilltopia

Submarino

**Mevia**  
Lounge Music

# Music LINEUP



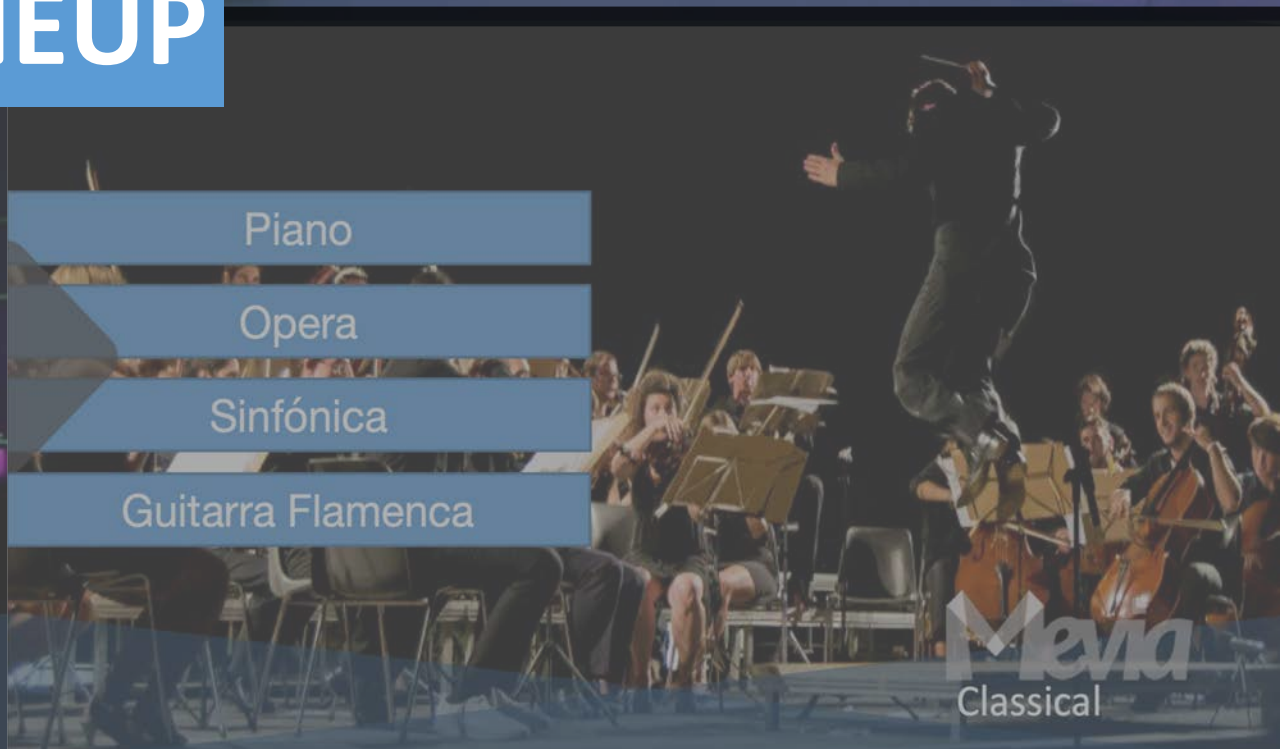
Disco Retro

EDM

La Terraza

Electronic Music

**Mevia**  
Dance & Electro



Piano

Opera

Sinfónica

Guitarra Flamenca

**Mevia**  
Classical



Adding curated digital content to fit your needs

Customize

**Mevia**  
Any Genre

# Licensing Opportunities



MUSIC FOR  
**CABLE**



Acquisition of  
Patents &  
Technology



Non-Exclusive  
Licensing



Exclusive  
Licensing



Partnership and  
distribution  
agreement with our  
technology



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