

Title (en)

METHOD OF PROJECTING IMAGE ONTO CURVED PROJECTION AREA AND PROJECTION SYSTEM THEREFOR

Title (de)

VERFAHREN ZUM PROJIZIEREN EINES BILDES AUF EINE GEKRÜMMTE PROJEKTIONSFLÄCHE UND PROJEKTIONSSYSTEM DAFÜR

Title (fr)

PROCÉDÉ DE PROJECTION D'IMAGE SUR UNE ZONE DE PROJECTION INCURVÉE, ET SYSTÈME DE PROJECTION ASSOCIÉ

Publication

EP 3539289 A1 20190918 (EN)

Application

EP 17880555 A 20171024

Priority

- KR 20160172310 A 20161216
- KR 2017011753 W 20171024

Abstract (en)

[origin: WO2018110822A1] Disclosed are an image projection method and system in a theater equipped with a projection area of a curved surface and a plurality of projection apparatuses. Specifically, disclosed are an image projection method and system, which can define a plurality of projection apparatuses as one cluster by computing relative transform information between the projection areas of the plurality of projection apparatuses and can project a single image onto a curved projection area without distortion through the plurality of projection apparatuses by defining a relative relation between the reference projection apparatus of the cluster and the projection area of the original image.

IPC 8 full level

H04N 9/31 (2006.01)

CPC (source: EP KR)

H04N 9/3147 (2013.01 - EP KR); **H04N 9/3179** (2013.01 - EP KR); **H04N 9/3185** (2013.01 - EP); **H04N 9/3194** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018110822 A1 20180621; CN 110089111 A 20190802; EP 3539289 A1 20190918; EP 3539289 A4 20201111; IL 267087 A 20190829; JP 2020507100 A 20200305; KR 101847996 B1 20180412

DOCDB simple family (application)

KR 2017011753 W 20171024; CN 201780077188 A 20171024; EP 17880555 A 20171024; IL 26708719 A 20190604; JP 2019532009 A 20171024; KR 20160172310 A 20161216