Title (en)

SYSTEMS AND METHODS FOR DEEP RECOMMENDATIONS USING SIGNATURE ANALYSIS

Title (de)

SYSTEME UND VERFAHREN FÜR TIEFE EMPFEHLUNGEN UNTER VERWENDUNG VON SIGNATURANALYSE

Title (fr)

SYSTÈMES ET PROCÉDÉS DE RECOMMANDATIONS PROFONDES À L'AIDE D'UNE ANALYSE DE SIGNATURE

Publication

EP 4066154 A1 20221005 (EN)

Application

EP 20828203 A 20201125

Priority

- US 201916698618 A 20191127
- US 201916698625 A 20191127
- US 2020062418 W 20201125

Abstract (en)

[origin: WO2021108707A1] Systems and methods are described herein for providing content item recommendations based on a video. Using feature vectors corresponding to at least one frame of a video (e.g., generated based on texture and shape intensity of a frame), a recommendation system improves content recommendation using analytic and quantitative characteristics derived from a frame of a content item rather than merely manually labeled bibliographic data (e.g., a genre or producer). The recommendation system may generate a feature vector based on a texture, a shape intensity (e.g., generated from a Generalized Hough Transform), and temporal data corresponding to at least one frame of a video. The feature vector is analyzed using a machine learning model (e.g., a neural network) to produce a machine learning model output. The recommendation system causes a recommended content item to be provided based on the machine learning model output.

IPC 8 full level

G06K 9/00 (2022.01); **H04N 21/466** (2011.01)

CPC (source: EP US)

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