

Title (en)

METHOD OF AND CIRCUIT FOR CREST FACTOR REDUCTION FOR A CABLE TV AMPLIFIER

Title (de)

VERFAHREN UND SCHALTUNG ZUR REDUZIERUNG DES SCHEITELFAKTORS EINES KABELFERNSEHVERSTÄRKERS

Title (fr)

PROCÉDÉ ET CIRCUIT DE RÉDUCTION DU FACTEUR DE CRÊTE POUR UN AMPLIFICATEUR DE TÉLÉVISION PAR CÂBLE

Publication

EP 3857832 A1 20210804 (EN)

Application

EP 19783762 A 20190910

Priority

- US 201816142295 A 20180926
- US 201816142893 A 20180926
- US 2019050435 W 20190910

Abstract (en)

[origin: WO2020068414A1] A crest factor reduction (CFR) system includes a digital tilt filter coupled to an input of the CFR system. In some embodiments, the digital tilt filter is configured to receive a system input signal and generate a digital tilt filter output signal at a digital tilt filter output. In some examples, the CFR system further includes a CFR module coupled to the digital tilt filter output, where the CFR module is configured receive the digital tilt filter output signal and perform a CFR process to the digital tilt filter output signal to generate a CFR module output signal at a CFR module output. In addition, the CFR system may include a digital tilt equalizer coupled to the CFR module output, where the digital tilt equalizer is configured to receive the CFR module output signal and generate a system output signal.

IPC 8 full level

H04L 27/26 (2006.01); **H03F 1/32** (2006.01); **H04H 20/78** (2008.01); **H04L 25/03** (2006.01)

CPC (source: EP KR)

H03F 1/3247 (2013.01 - EP KR); **H04L 25/03343** (2013.01 - EP KR); **H04L 27/2614** (2013.01 - EP KR); **H03F 2200/63** (2013.01 - EP KR)

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 2020068414 A1 20200402; CN 112740633 A 20210430; CN 112740633 B 20240524; EP 3857832 A1 20210804; JP 2022502907 A 20220111; JP 7499758 B2 20240614; KR 20210063368 A 20210601

DOCDB simple family (application)

US 2019050435 W 20190910; CN 201980062088 A 20190910; EP 19783762 A 20190910; JP 2021516421 A 20190910; KR 20217011278 A 20190910