Title (en)

APPARATUS AND METHOD OF ESTIMATING THE QUALITY OF INPUT SIGNAL, AND OPTICAL DISC DRIVER

Title (de)

VORRICHTUNG UND VERFAHREN ZUR SCHÄTZUNG DER QUALITÄT EINES EINGANGSSIGNALS UND TREIBER FÜR OPTISCHE DATENTRÄGER

Title (fr)

APPAREIL ET PROCÉDÉ D'ESTIMATION DE LA QUALITÉ D'UN SIGNAL D'ENTRÉE ET TOURNE DISQUE OPTIQUE

Publication

EP 1984921 A4 20090325 (EN)

Application

EP 07708955 A 20070215

Priority

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Abstract (en)

[origin: WO2007094623A1] An apparatus and method of estimating the quality of an input signal, and an optical disc driver including the apparatus for estimating the quality of the input signal, the signal quality estimating apparatus including a level value detection unit that detects level values of an input signal according to a binary signal of the input signal, an input signal composing unit that composes a plurality of ideal input signals by using the level values and a plurality of pre-defined binary signals, and a quality calculation unit that obtains a quality of the input signal according to a calculation between the plurality of ideal input signals.

IPC 8 full level

G11B 20/10 (2006.01)

CPC (source: EP KR)

G11B 7/094 (2013.01 - EP); **G11B 7/0956** (2013.01 - EP); **G11B 20/10** (2013.01 - KR); **G11B 20/10009** (2013.01 - EP); **G11B 20/10055** (2013.01 - EP); **G11B 20/10101** (2013.01 - EP); **G11B 20/10481** (2013.01 - EP); **G11B 20/18** (2013.01 - KR); **G11B 27/36** (2013.01 - EP)

Citation (search report)

- [X] US 2005058048 A1 20050317 - PARK HYUN-SOO [KR], et al
- [X] US 2004209293 A1 20041021 - KASHIHARA YUTAKA [JP], et al
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- [X] US 2005094304 A1 20050505 - OHKUBO SHUICHI [JP], et al
- See references of WO 2007094623A1

Designated contracting state (EPC)

DE GB NL

DOCDB simple family (publication)

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DOCDB simple family (application)

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