

Title (en)

VIBRATION PLATE HAVING BELT DRIVE HAVING MULTIPLE DEFLECTION

Title (de)

VIBRATIONSPLATTE MIT RIEMENTRIEB MIT MEHRFACHUMLENKUNG

Title (fr)

PLAQUE VIBRANTE DOTÉE D'UNE TRANSMISSION PAR COURROIE À RENVOI MULTIPLE

Publication

EP 2245231 A1 20101103 (DE)

Application

EP 08870704 A 20081223

Priority

- EP 2008011073 W 20081223
- DE 102008005066 A 20080118

Abstract (en)

[origin: WO2009089899A1] A vibration plate has an upper mass (1) having a drive (2) and a lower mass (4), which is mounted so it is elastically movable relative to the upper mass (1), having a vibration generator (6) and a ground contact plate (5). The drive (2) is coupled by a belt drive (9) to the vibration generator (6). The belt drive (9) has a drive disk (7), which is provided on the drive (2), an output disk (8), which is provided on the vibration generator (6), and a belt (9), which circulates between the drive disk (7) and the output disk (8). To this end, at least two further deflection rollers (10, 11) are provided for guiding the belt (9).

IPC 8 full level

E02D 3/074 (2006.01)

CPC (source: EP US)

E01C 19/38 (2013.01 - EP US); **E02D 3/074** (2013.01 - EP US)

Citation (search report)

See references of WO 2009089899A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

EP 2008011073 W 20081223; CN 200880121824 A 20081223; DE 102008005066 A 20080118; EP 08870704 A 20081223; US 81004608 A 20081223