

Title (en)

VIBRATING PLATE WITH V-BELT STABILIZING MEANS

Title (de)

VIBRATIONSPLATTE MIT KEILRIEMENBERUHIGER

Title (fr)

PLAQUE VIBRANTE AVEC STABILISATEUR DE COURROIE TRAPÉZOÏDALE

Publication

EP 2583000 B1 20150318 (DE)

Application

EP 11723875 A 20110520

Priority

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- EP 2011002536 W 20110520

Abstract (en)

[origin: WO2011157344A1] A vibrating plate for ground compacting has an upper mass (O) with a drive motor (7) and a lower mass (U) with a ground contact plate (1) and with a vibration generator device (2, 3, 4). The drive motor (7) drives a driving pulley (8) in rotation, such that the rotational movement is transmitted via a belt (9) to a driven pulley (10) coupled to the vibration generator device. A limitation device (B1, B2, B3, B4, B5, B6) is provided which is arranged laterally on the belt (9) in a region in which the belt (9) is not in contact with the driving pulley (8) or the driven pulley (10). The limitation device has a contact region on a side facing towards the outer surface and/or inner surface of the belt (9).

IPC 8 full level

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CPC (source: EP)

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