

Title (en)

Amplitude change-over device for a body vibration machine

Title (de)

Vorrichtung zum Umstellen der Amplitude in einem Körpervibrationsgerät

Title (fr)

Dispositif de changement d'amplitude pour un appareil à vibration de corps

Publication

EP 2042146 A1 20090401 (EN)

Application

EP 07018815 A 20070925

Priority

EP 07018815 A 20070925

Abstract (en)

An amplitude change-over device for a body vibration machine includes two eccentric units respectively fixed on the opposite ends of a rotating shaft driven by a motor. Each eccentric unit contains an eccentric driving plate secured with the rotating shaft for rotating together and an eccentric driven plate movably fitted on the rotating shaft at one side of the driving plate. Either one of the driving plate or the driven plate has a surface bored with a slide groove with the rotating shaft acting as a pivot, and another one has a surface provided with a projecting stud inserted in the slide groove. The motor is a right-handed and left-handed one. When the motor is chosen to rotate clockwise or counterclockwise, the included angle of the driving plate and the driven plate is changeable and hence amplitude power is adjustable by using a single motor.

IPC 8 full level

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CPC (source: EP)

A61H 1/003 (2013.01); **A61H 23/0263** (2013.01); **A61H 2023/029** (2013.01)

Citation (applicant)

EP 1813245 A1 20070801 - ID TECHNICS & PRODUCTIONS AG [CH]

Citation (search report)

- [A] EP 1813245 A1 20070801 - ID TECHNICS & PRODUCTIONS AG [CH]
- [A] DE 187875 C
- [A] US 2005131319 A1 20050616 - DER MEER GUUS V [NL]

Designated contracting state (EPC)

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