

Title (en)  
Vibrating device

Title (de)  
Rüttelvorrichtung

Title (fr)  
Dispositif de vibration

Publication  
**EP 1676644 B1 20151021 (EN)**

Application  
**EP 05019753 A 20050912**

Priority  
ES 200500009 U 20050104

Abstract (en)  
[origin: EP1676644A2] Improved machinery vibrating device, particularly applicable to vibro-compressor machines for the manufacture of moulded parts in concrete or similar that includes a vibrator table (11) operated by means that include a motor (10) linked by at least two motorised toothed pulleys (1) by means of a drive axle (9) that through a belt (8) turns pulleys connected to two means of operation (7) transferring the transmission axle (9) movement of the motor (10) to two drive pulleys to position at least two eccentric masses, characterised in that the pulleys (4) connected to the two means of operation (7) are linked to some additional pulleys forming tandems (3) that are moveable in regard to a centre (5) arranged in an area close to the imaginary union axis between the centres of the pulleys that form each tandem (3), said tandems being joined to each other by means of a connecting rod in such a way as to allow relative movement between same so that the angle defined by the two axes of the opposing tandems (3) has a variation such that the complete length of the travel of the belt around the pulleys (4), (1), (2) remains constant and in which said tandems (3) are only connected to one of the two drive pulleys (2).

IPC 8 full level  
**B06B 1/10** (2006.01); **B28B 1/087** (2006.01); **B28B 21/28** (2006.01)

CPC (source: EP)  
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