

Title (en)

CONCRETE BLOCK MOLDING MACHINE HAVING CONTINUOUSLY DRIVEN VIBRATING SHAFT MECHANISM WHICH CAN BE PROGRAMMABLY VIBRATED AND METHOD OF PROGRAMMABLY VIBRATING SUCH MACHINES

Publication

EP 0353661 A3 19901128 (EN)

Application

EP 89114005 A 19890728

Priority

US 22587788 A 19880801

Abstract (en)

[origin: EP0353661A2] A cement block molding machine has a vibratable mold box incorporating at least one molding cavity for a cement mixture which is to be densified in the cavity. A continuously driven shaft (15) assembly mounts an eccentric fixed portion and a circumferentially adjustable balancing mass. The shaft assembly (5) has a cylinder (c) with a piston (26) therein, connected to the mass (25a) to produce rotary motion of the mass (25a) relative to the fixed eccentric portion (18, 19). A spring (28) of predetermined rate opposes this. The pressure of the fluid introduced is varied to change the amplitude of the vibration imparted during each cycle.

IPC 1-7

B28B 1/08; **B06B 1/16**

IPC 8 full level

B28B 1/08 (2006.01); **B06B 1/16** (2006.01); **B28B 1/087** (2006.01)

CPC (source: EP)

B06B 1/162 (2013.01); **B28B 1/0873** (2013.01)

Citation (search report)

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