

Title (en)

Concrete block molding machine having continuously driven vibrating shaft mechanism which can be programmably vibrated and method of programmably vibrating such machines.

Title (de)

Maschine zum Formen von Betonblöcken mit kontinuierlichem Drehantrieb einer programmierbar erregten Vibrationsvorrichtung sowie Verfahren zur programmierbaren Vibration solcher Maschinen.

Title (fr)

Machine de moulage de blocs en béton ayant un dispositif de vibration à arbre continuellement entraîné programmable et méthode pour programmer les vibrations dans de telles machines.

Publication

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Application

EP 89114005 A 19890728

Priority

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Abstract (en)

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.

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IPC 8 full level

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Cited by

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