

Title (en)
DEVICE FOR MOULDING MIXTURES

Title (de)
VORRICHTUNG ZUR FORMGEBUNG VON GEMENGEN

Title (fr)
DISPOSITIF POUR MOULER DES MELANGES

Publication
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Application
EP 04706668 A 20040130

Priority
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Abstract (en)
[origin: US2009087511A1] The invention relates to a device for moulding mixtures, preferably concrete mixtures for producing blocks. The device comprises a mould for receiving the concrete mixture, a table, to which the mould is coupled by means of brace elements, a vibration generation system, mounted on the table, for generating harmonic vibrations and for transmitting the latter to the table, a load in the form of a ram for exerting a force on the concrete mixture, first spring elements for elastically supporting the table and second spring elements for elastically supporting the load. A device of this type is equipped with at least eight rotating unbalanced shafts with parallel rotational axes in the vibration generation system. The unbalanced shafts are coupled in pairs for their rotational motion, each pair of unbalanced shafts having a common rotational axis and being driven independently of the other pairs.

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Cited by
CN103786238A; CN113771192A

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