

Title (en)

DEVICE ALLOWING THE CONTROL AND ACTION OF VIBRATORY EFFECTS ON MACHINES AND MATERIALS PARTICULARLY FOR THE TREATMENT OF PRODUCTS INTENDED TO BE VIBRATED, COMPRESSED AND COMPACTED

Title (de)

VORRICHTUNG ZUR STEUERUNG DER VIBRATIONSWIRKUNG AUF MASCHINEN UND MATERIALIEN, INSBESONDERE BEIM RÜTTELN, VERDICHTEN UND FESTSTAMPFEN

Title (fr)

DISPOSITIF AUTORISANT LE CONTROLE ET L'ACTION D'EFFETS VIBRATOIRES SUR DES MACHINES ET MATERIELS EN VUE NOTAMMENT DU TRAITEMENT DE PRODUITS DESTINES A ETRE FIBRES, TASSES ET COMPACTES

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Application

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Abstract (en)

[origin: US5496132A] PCT No. PCT/FR92/00459 Sec. 371 Date May 6, 1994 Sec. 102(e) Date May 6, 1994 PCT Filed May 22, 1992 PCT Pub. No. WO92/20467 PCT Pub. Date Nov. 26, 1992. A vibration controller has a vibratory mechanism with a pulley assembly with four pulleys coupled in pairs on two shafts linked by two belts. The pulley assembly is mounted under a reception table or tables for products to be vibrated and compacted. The pulleys receive offcenter weights for forming an unbalance. The weights are placed only on a diametric portion of the pulleys. The pulleys are mounted in pairs on the two shafts associated with a phase-shifting device that rotates certain pulleys with respect to each other to vary the relative orientation of the corresponding weights. According to this orientation one can obtain maximum, partial or minimum vibration, one of the shafts being driven by a motor unit.

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