

Title (en)

VIBRATION DEVICE FOR COMPACTING MATERIALS, ESPECIALLY FOR SOIL COMPACTION

Publication

EP 0047433 B1 19851127 (DE)

Application

EP 81106627 A 19810826

Priority

DE 3033476 A 19800905

Abstract (en)

[origin: US4412757A] A material compacting vibration machine provided with an imbalanced system having coaxial first and second independently rotatable shafts carrying first and second drive elements and a pair of unbalanced masses having third and fourth drive elements secured thereto with driving connections between the first and third drive elements and between the second and fourth drive elements, and a drive shaft selectively coupled to the first and second drive elements, wherein the four drive elements all are disposed on one side of the imbalanced system and are shielded by a cover.

IPC 1-7

E02D 3/074

IPC 8 full level

E02D 3/046 (2006.01); **E02D 3/074** (2006.01)

CPC (source: EP US)

E02D 3/074 (2013.01 - EP US); **Y10T 74/18344** (2015.01 - EP US); **Y10T 74/18552** (2015.01 - EP US)

Cited by

US11549568B2; GB2133114A; EP3480490A1; CN111492151A; WO2019086482A1

Designated contracting state (EPC)

AT DE FR GB NL SE

DOCDB simple family (publication)

EP 0047433 A2 19820317; **EP 0047433 A3 19821229**; **EP 0047433 B1 19851127**; AT E16719 T1 19851215; DE 3033476 A1 19820325; DE 3033476 C2 19850321; DE 3173067 D1 19860109; JP S57119011 A 19820724; US 4412757 A 19831101

DOCDB simple family (application)

EP 81106627 A 19810826; AT 81106627 T 19810826; DE 3033476 A 19800905; DE 3173067 T 19810826; JP 13866081 A 19810904; US 29712381 A 19810828