

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)  
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