

Title (en)
Compactor with vibrating bottom plate

Title (de)
Verdichter mit Vibrationsplatte

Title (fr)
Compacteur à plaque vibrante

Publication
EP 1267001 B1 20090923 (EN)

Application
EP 01850105 A 20010614

Priority
EP 01850105 A 20010614

Abstract (en)
[origin: EP1267001A1] A compactor (11) has a bottom plate (12) which for compacting of sand, gravel, macadam etc. is vibratable by means of a vibrating element (13), which is rigidly connected to the bottom plate (12). An upper part (15) which is elastically connected to the bottom plate (12) is adapted to weigh down the bottom plate (12) and supports a drive motor (16) for driving the vibrating element (13). The drive motor (16) is an electric motor, which is driven by an electric accumulator unit which is mounted on the upper part (15) and which comprises at least one rechargeable battery (23-25) which constitutes a weight for weighing down the bottom plate (12). <IMAGE>

IPC 8 full level
E01C 19/38 (2006.01); **E02D 3/074** (2006.01)

CPC (source: EP)
E01C 19/38 (2013.01); **E02D 3/074** (2013.01)

Cited by
DE102017121177A1; EP2857587A1; DE102011115008A1; JP2013181324A; DE102012000711A1; DE102019108923A1; DE102019108923B4; CN102084068A; EP2540912A3; DE102019110041A1; US8708599B2; US9284697B2; USD1014570S; WO2010081674A1; WO2024126340A1; US11791687B2; US8317426B2; US11658546B2; US10344439B2; US11306446B2; WO2022011008A1; WO2022035959A1; WO2022011004A1; WO2012084074A1; WO2022010999A1; EP4012100A1; EP2804987A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1267001 A1 20021218; EP 1267001 B1 20090923; DE 60139985 D1 20091105

DOCDB simple family (application)
EP 01850105 A 20010614; DE 60139985 T 20010614