

Title (en)
COMPACTOR

Title (de)
VERDICHTUNGSGERÄT

Title (fr)
APPAREIL DE COMPACTAGE

Publication
EP 1337713 A1 20030827 (DE)

Application
EP 01990445 A 20011127

Priority
• DE 10059245 A 20001129
• EP 0113806 W 20011127

Abstract (en)
[origin: WO0244475A1] The invention relates to a compactor comprising at least one travelling drum (4, 4a, 4b) which is rotatable about a drum shaft (2). An exciter is mounted in the drum (4, 4a, 4b), its position relative to a vertical plane through the drum shaft (2) being adjustable by an adjustable slewing angle. The exciter consists of a pendulum-type vibrator (10) with a pendulum-type housing (8) that oscillates about a slewing angle that is coaxial to the drum shaft (2). Said pendulum-type vibrator has a single unbalance exciter shaft (12) that is radially mounted in the pendulum-type housing (8) at a parallel distance to the drum shaft (2) and generates an elliptical oscillation of the drum.

IPC 1-7
E01C 19/28; **B06B 1/16**

IPC 8 full level
B06B 1/16 (2006.01); **E01C 19/28** (2006.01); **F16G 1/28** (2006.01)

CPC (source: EP US)
B06B 1/161 (2013.01 - EP US); **E01C 19/286** (2013.01 - EP US); **E01C 19/288** (2013.01 - EP US); **Y10T 74/18344** (2015.01 - EP US); **Y10T 74/18552** (2015.01 - EP US)

Citation (search report)
See references of WO 0244475A1

Citation (third parties)
Third party :
• DE 1634450 A1 19711118 - LOSENHAUSEN MASCHINENBAU AG
• US 3486427 A 19691230 - WASCHULEWSKI HANS-GEORG, et al
• DE 976405 C 19630822 - LOSENHAUSENWERK DUESSELDORFER

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0244475 A1 20020606; AT E420245 T1 20090115; DE 50114647 D1 20090226; EP 1337713 A1 20030827; EP 1337713 B1 20090107; JP 2004514811 A 20040520; JP 4131433 B2 20080813; US 2004028472 A1 20040212; US 6829986 B2 20041214

DOCDB simple family (application)
EP 0113806 W 20011127; AT 01990445 T 20011127; DE 50114647 T 20011127; EP 01990445 A 20011127; JP 2002546817 A 20011127; US 43290203 A 20030529