

Title (en)
OSCILLATING SLIDE MACHINE

Title (de)
PENDELSCHIEBERMASCHINE

Title (fr)
MACHINE A PALETTES OSCILLANTES

Publication
EP 1687538 A1 20060809 (DE)

Application
EP 04818376 A 20041105

Priority
• DE 2004002448 W 20041105
• DE 10352267 A 20031108

Abstract (en)
[origin: US7438543B2] The invention relates to an oscillating slide machine working on an eccentric circulatory motion, whereby the oscillation guide grooves (19) on the inner rotor (5) are provided with groove front edges (20) and groove rear edges (21) of differing heights, such that the diameter of the imaginary circle (17), connecting all groove front edges (20), is smaller than the diameter of the circle connecting all the groove rear edges (21).

IPC 8 full level
F04C 2/348 (2006.01)

CPC (source: EP US)
F04C 2/332 (2013.01 - EP US); **F04C 2/348** (2013.01 - EP US); **F04C 2240/20** (2013.01 - EP US); **Y10T 74/18056** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005047703 A1 20050526; AT E383515 T1 20080115; CN 100406735 C 20080730; CN 1875190 A 20061206; DE 10352267 A1 20050616; DE 112004002648 D2 20060921; DE 502004005927 D1 20080221; EP 1687538 A1 20060809; EP 1687538 B1 20080109; JP 2007510082 A 20070419; JP 4909078 B2 20120404; US 2006191360 A1 20060831; US 7438543 B2 20081021

DOCDB simple family (application)
DE 2004002448 W 20041105; AT 04818376 T 20041105; CN 200480032459 A 20041105; DE 10352267 A 20031108; DE 112004002648 T 20041105; DE 502004005927 T 20041105; EP 04818376 A 20041105; JP 2006537061 A 20041105; US 54763505 A 20050901