

Title (en)
High-performance vibration screen

Title (de)
Vibrationstrennvorrichtung mit hoher Leistung

Title (fr)
Séparateur vibrant à haut rendement

Publication
EP 1719560 A3 20090415 (EN)

Application
EP 06006669 A 20060330

Priority
IT MI20050810 A 20050504

Abstract (en)
[origin: EP1719560A2] A vibration screen comprises a case-shaped body (11) with parallel side walls (16) between which perforated screening surfaces (17) are disposed and which is suspended by spring means (12) over a base (13) and is provided with vibrating devices (14). The side walls (16) are each at least partly made up of two plate sheets (19, 20) closely spaced and parallel, so that each of them forms one of the two faces of the wall and delimits a hollow space (21) therebetween. The sheets are interconnected with each other by means of interconnecting elements (22, 23) disposed in the hollow space.

IPC 8 full level
B07B 1/46 (2006.01)

CPC (source: EP)
B07B 1/46 (2013.01)

Citation (search report)

- [A] GB 2123520 A 19840201 - VIKING DYNAMICS LIMITED
- [A] US 4311242 A 19820119 - HNATKO KARL J
- [A] WO 9319859 A1 19931014 - SWECO INC [US]
- [A] DE 3716664 A1 19881201 - BUEHLER MIAG GMBH [DE]

Cited by
EP3332879A1; EP1946851A1; CN103611681A; US7980393B2; WO2008150874A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1719560 A2 20061108; EP 1719560 A3 20090415; CN 1857797 A 20061108; IT MI20050810 A1 20061105; RU 2006115294 A 20071127

DOCDB simple family (application)
EP 06006669 A 20060330; CN 200610077159 A 20060427; IT MI20050810 A 20050504; RU 2006115294 A 20060503