

Title (en)
WASHING APPARATUS FOR INERT MATERIALS SUCH AS SAND, GRAVEL AND THE LIKE

Publication
EP 0079867 B1 19870624 (FR)

Application
EP 82830280 A 19821112

Priority
IT 2503081 A 19811112

Abstract (en)
[origin: EP0079867A1] The washing installation is for materials such as sand and gravel. A feed pipe (7) supplies washing water and there are conveyors (11) for the material (10) and an inclined surface (14) to collect and transport the washed material towards the feed pipe. A set of spaced rotors (1) are spaced from each other, fitted one on one shaft (13). Each rotor has several transverse annular diaphragms (2) which define with the rotor side wall, annular channels (3). Each channel has several buckets on its periphery so that the washing water goes towards the diaphragm exterior at the rotor bottom and against the direction of material movement.

IPC 1-7
B03B 5/56; **B03B 5/42**; **B03B 5/00**; **B03B 11/00**

IPC 8 full level
B03B 5/00 (2006.01); **B03B 5/42** (2006.01); **B03B 5/56** (2006.01); **B03B 11/00** (2006.01)

CPC (source: EP US)
B03B 5/00 (2013.01 - EP US); **B03B 5/42** (2013.01 - EP US); **B03B 5/56** (2013.01 - EP US); **B03B 11/00** (2013.01 - EP US)

Cited by
EP0216059A3; EP0214419A3

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
EP 0079867 A1 19830525; **EP 0079867 B1 19870624**; AT E27924 T1 19870715; DE 3276620 D1 19870730; IT 1194146 B 19880914; IT 8125030 A0 19811112; US 4472272 A 19840918

DOCDB simple family (application)
EP 82830280 A 19821112; AT 82830280 T 19821112; DE 3276620 T 19821112; IT 2503081 A 19811112; US 44114782 A 19821112