

Title (en)
Apparatus for dewatering materials

Title (de)
Einrichtung zum Entfeuchten von Material

Title (fr)
Appareil de déshydratation de matériaux

Publication
EP 0736370 A3 19970226 (DE)

Application
EP 96104218 A 19960316

Priority
DE 19513438 A 19950408

Abstract (en)
[origin: EP0736370A2] The device comprises a housing containing a spiral pressing member (13). The housing (10), and/or a separator element mounted in it, has openings (16) for draining off the fluid. The housing and spiral pressing member may be cylindrical or conical. The separator element or housing may have a screen base (16). The pitch of the pressing member can decrease towards the discharge opening (12). The size of the discharge opening can be variable. An inlet opening has a filler hopper containing a transport roller with entrainment rods.

IPC 1-7
B30B 9/12

IPC 8 full level
B30B 9/12 (2006.01)

CPC (source: EP US)
B30B 9/12 (2013.01 - EP US); **B30B 9/127** (2013.01 - EP US)

Citation (search report)

- [XY] US 4384955 A 19830524 - NAKAKURA SHINJI [JP]
- [X] GB 1578126 A 19801105 - GEC DIESELS LTD
- [X] DE 2736810 A1 19780316 - REINHALL P G
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- [X] GB 2159428 A 19851204 - SIMON ROSEDOWNS LTD
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- [Y] US 5391069 A 19950221 - BENDZICK ERVIN J [US]

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0736370 A2 19961009; EP 0736370 A3 19970226; EP 0736370 B1 20010606; AR 001553 A1 19971126; BR 9601505 A 19980317; CA 2173658 A1 19961009; DE 19513438 A1 19961010; DE 59607027 D1 20010712; ES 2161308 T3 20011201; US 5732618 A 19980331

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EP 96104218 A 19960316; AR 33605496 A 19960403; BR 9601505 A 19960403; CA 2173658 A 19960409; DE 19513438 A 19950408; DE 59607027 T 19960316; ES 96104218 T 19960316; US 62904396 A 19960408