

Title (en)
Press for mechanical dehydration

Title (de)
Presse für mechanische Dehydrierung

Title (fr)
Presse pour déshydratation mécanique

Publication
EP 1990181 A3 20091021 (EN)

Application
EP 08155762 A 20080507

Priority
IT BO20070342 A 20070510

Abstract (en)
[origin: EP1990181A2] A press for mechanical dehydration, of the type that comprises at least one filtration cage (2) provided with at least one inlet (3) for feeding the material to be pressed and with at least one outlet (4) for discharging the pressed material, the cage (2) accommodating at least one rotating screw feeder (5) provided with at least one helix (6) which is wound around a respective shaft (7), the at least one helix (6) comprising at least one opening (8a, 8b, 8c, 8d) at at least one of its portions, so as to allow the reverse flow and remixing of the material to be pressed and facilitate the expulsion of the extracted liquid from the material.

IPC 8 full level
B30B 9/12 (2006.01)

CPC (source: EP)
B30B 9/121 (2013.01)

Citation (search report)

- [X] DE 8009328 U1 19840301
- [X] GB 1498243 A 19780118 - SIMON ROSEDOWN LTD
- [X] JP S6289599 A 19870424 - MIYAGI YUKIO
- [X] JP 2004181511 A 20040702 - KUBOTA KK
- [X] EP 1201415 A1 20020502 - ARAI MACHINERY CORP [JP]
- [XY] FR 71183 E 19591013
- [Y] FR 864166 A 19410421
- [X] JP 2004195524 A 20040715 - KUBOTA KK
- [X] EP 1136245 A2 20010926 - FEHB GMBH STENDAL [DE]
- [X] FR 1303397 A 19620907 - WEIGELWERK G M B H
- [X] JP 2004148342 A 20040527 - KUBOTA KK

Cited by
EP2762299A1; DE102015210265A1; NL2008502C2; JP2018202316A; WO2016192873A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1990181 A2 20081112; EP 1990181 A3 20091021; IT BO20070342 A1 20081111

DOCDB simple family (application)
EP 08155762 A 20080507; IT BO20070342 A 20070510