

Title (en)  
DEWATERING DEVICE

Title (de)  
ENTWÄSSERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'EGOUTTAGE MECANIQUE

Publication  
**EP 0817667 A1 19980114 (EN)**

Application  
**EP 96905092 A 19960123**

Priority  
• SE 9600060 W 19960123  
• SE 9501079 A 19950327

Abstract (en)  
[origin: WO9630102A1] The invention relates to a dewatering device comprising a drum screen arranged for rotational movement inside a housing, means arranged to supply medium to be dewatered, means to remove from the drum screen interior material retained therein, and means for removal of water passing through the drum screen. In accordance with the invention the drum screen is formed with a number of axial carrier protrusions and the devices for removal of material retained inside the drum screen (2) consist of an upwardly open material discharge duct extending the lengthwise direction of the drum screen at the upper part thereof for reception, upon rotation of the drum screen, of material lifted by said carrier protrusions, in addition to which means are provided above the material discharge duct (16) for flushing thereof from the exterior of the drum screen.

IPC 1-7  
**B01D 33/76**; **B01D 33/64**

IPC 8 full level  
**B01D 29/11** (2006.01); **B01D 29/35** (2006.01); **B01D 33/067** (2006.01); **B01D 36/02** (2006.01)

CPC (source: EP)  
**B01D 29/118** (2013.01); **B01D 29/35** (2013.01); **B01D 29/605** (2013.01); **B01D 29/6476** (2013.01); **B01D 29/682** (2013.01); **B01D 29/70** (2013.01); **B01D 29/828** (2013.01); **B01D 29/94** (2013.01); **B01D 33/067** (2013.01); **B01D 33/11** (2013.01); **B01D 33/27** (2013.01); **B01D 33/50** (2013.01); **B01D 33/648** (2013.01); **B01D 36/02** (2013.01); **B01D 2201/084** (2013.01)

Citation (search report)  
See references of WO 9630102A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT

DOCDB simple family (publication)  
**WO 9630102 A1 19961003**; AU 4893396 A 19961016; EP 0817667 A1 19980114; SE 504046 C2 19961028; SE 9501079 D0 19950327; SE 9501079 L 19960928

DOCDB simple family (application)  
**SE 9600060 W 19960123**; AU 4893396 A 19960123; EP 96905092 A 19960123; SE 9501079 A 19950327