

Title (en)  
APPARATUS FOR WASHING SAND AND THE LIKE

Publication  
**EP 0214419 A3 19880608 (EN)**

Application  
**EP 86109979 A 19860721**

Priority  
JP 14016685 U 19850913

Abstract (en)  
[origin: EP0214419A2] Apparatus for washing sand and the like comprises a cylindrical body (1) having a feed port (8) at one end and a discharge port (36) at the other end. Disposed within the body (1) is a rotatable shaft (10) having a plurality of crush blades (15) spirally mounted thereon and a rotary vane (16) mounted at one end near to the discharge port (36). A pressure cap (37) mounted on a support arm (25) in opposed relationship to the discharge port (36) is biased towards the discharge port (36) by springs (35) acting between the support arm (25) and the pressure cap (37) and is provided with an assembly of detachable wear plates (41,42,43) for co-operating with the discharge port (36). The springs (35) are adjustably mounted for varying the biasing force acting on the pressure cap (37) and the pressure cap (37) has a feed water port (39) for delivery of water to the body (1).

IPC 1-7  
**B02C 17/16**; **B02C 19/00**

IPC 8 full level  
**B02C 17/16** (2006.01); **B02C 19/00** (2006.01); **B02C 19/22** (2006.01); **B03B 5/00** (2006.01); **B03B 5/48** (2006.01)

CPC (source: EP)  
**B02C 17/16** (2013.01); **B02C 19/00** (2013.01)

Citation (search report)  
• [A] DE 200322 C  
• [A] GB 477776 A 19380103 - CAROLUS MARIA JOSEPH ANTONIUS  
• [A] NL 23730 C  
• [A] EP 0079867 A1 19830525 - CAPANNOLI PALMIERO

Cited by  
CN102975128A

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

DOCDB simple family (publication)  
**EP 0214419 A2 19870318**; **EP 0214419 A3 19880608**; **EP 0214419 B1 19891018**; AT E47332 T1 19891115; DE 3666361 D1 19891123; JP H022444 Y2 19900122; JP S6248441 U 19870325

DOCDB simple family (application)  
**EP 86109979 A 19860721**; AT 86109979 T 19860721; DE 3666361 T 19860721; JP 14016685 U 19850913