

Title (en)
IMPELLER FOR A LIQUID RING MACHINE

Title (de)
LAUFRAD FÜR EINE FLÜSSIGKEITSRINGMASCHINE

Title (fr)
ROUE A AUBES POUR MACHINE A ANNEAU LIQUIDE

Publication
EP 0956452 A1 19991117 (DE)

Application
EP 97953620 A 19971208

Priority
• DE 9702859 W 19971208
• DE 19653746 A 19961220

Abstract (en)
[origin: US6082973A] PCT No. PCT/DE97/02859 Sec. 371 Date Jun. 21, 1999 Sec. 102(e) Date Jun. 21, 1999 PCT Filed Dec. 8, 1997 PCT Pub. No. WO98/28542 PCT Pub. Date Jul. 2, 1998A rotor for a liquid ring machine having a plurality of vanes connected to the rotor hub and a support disk, with the rotor hub face and the support disk back side having sealing surfaces. Recesses with formed edges, capable of scraping off material deposits, are located on the rotor hub face and the support disk back side.

IPC 1-7
F04C 19/00; **F04C 29/00**

IPC 8 full level
F04C 7/00 (2006.01); **F04C 19/00** (2006.01); **F04C 29/00** (2006.01); **F04C 13/00** (2006.01)

CPC (source: EP US)
F01C 21/08 (2013.01 - EP US); **F04C 19/00** (2013.01 - EP US); **F04C 29/0092** (2013.01 - EP US); **F04C 13/005** (2013.01 - EP US);
F04C 2280/02 (2013.01 - EP US)

Citation (search report)
See references of WO 9828542A1

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
US 6082973 A 20000704; AT E221962 T1 20020815; DE 19653746 A1 19980625; DE 19653746 C2 19990506; DE 59707939 D1 20020912;
EP 0956452 A1 19991117; EP 0956452 B1 20020807; JP 2001505276 A 20010417; WO 9828542 A1 19980702

DOCDB simple family (application)
US 33156499 A 19990621; AT 97953620 T 19971208; DE 19653746 A 19961220; DE 59707939 T 19971208; DE 9702859 W 19971208;
EP 97953620 A 19971208; JP 52821398 A 19971208