

Title (en)
LIQUID RING COMPRESSOR FOR GASES

Publication
EP 0090208 A3 19840307 (DE)

Application
EP 83102234 A 19830307

Priority
DE 3210161 A 19820319

Abstract (en)
[origin: US4522560A] In a liquid-ring rotary compressor, a control disc has, ahead of a sickle-shaped pressure or outlet slot, a multiplicity of spaced radial slots with width and shape conforming to the width and profile of the impeller blades. One such disc is usable for different pressure ratios without requiring a change in the relative position of the compressor housing.

IPC 1-7
F04C 19/00

IPC 8 full level
F04C 19/00 (2006.01)

CPC (source: EP US)
F04C 19/007 (2013.01 - EP US)

Citation (search report)
• AT 69274 B 19150710 - SIEMENS SCHUCKERTWERKE GMBH [DE]
• DE 1088660 B 19600908 - OTTO SIEMEN, et al

Cited by
EP0758717A1; CN1079503C; KR101282098B1

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
EP 0090208 A2 19831005; EP 0090208 A3 19840307; AU 1258083 A 19830922; AU 550696 B2 19860327; CA 1213572 A 19861104; DE 3210161 C1 19831006; JP S58170890 A 19831007; US 4522560 A 19850611; ZA 831908 B 19831130

DOCDB simple family (application)
EP 83102234 A 19830307; AU 1258083 A 19830318; CA 424009 A 19830318; DE 3210161 A 19820319; JP 4403583 A 19830316; US 46600883 A 19830214; ZA 831908 A 19830318