

Title (en)
ROTARY COMPRESSOR

Title (de)
DREHKOLBENVERDICHTER

Title (fr)
COMPRESSEUR ROTATIF

Publication
EP 0541801 B1 19970305 (EN)

Application
EP 91910170 A 19910530

Priority
JP 9100725 W 19910530

Abstract (en)
[origin: CA2088160C] The same number of grooves 20 through 27 are provided in end surfaces 19a and 19b of a roller 19. The grooves 20 through 27 have communicating portions 20a through 27a which communicate with an inner peripheral side of the roller 19 and sealed portions 20b, 20c, 20d, 20e, 20f through 27b, 27c, 27d, 27e and 27f whose crosssectional area decreases. Accordingly, the crosssectional area is decreased in a direction in which a lubricating oil flows, and a plurality of oil pressures can thus be obtained. This makes a clearance of the roller 19 fixed.

IPC 1-7
F04C 27/00; F04C 29/00; F04C 18/356

IPC 8 full level
F04B 47/06 (2006.01); **F04C 18/356** (2006.01); **F04C 27/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)
F04C 27/00 (2013.01); **F04C 29/0021** (2013.01)

Cited by
CN108105094A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
CA 2088160 A1 19921201; **CA 2088160 C 19950404**; BR 9106801 A 19940125; DE 69125008 D1 19970410; DE 69125008 T2 19970828; EP 0541801 A1 19930519; EP 0541801 A4 19950419; EP 0541801 B1 19970305; WO 9221881 A1 19921210

DOCDB simple family (application)
CA 2088160 A 19910530; BR 9106801 A 19910530; DE 69125008 T 19910530; EP 91910170 A 19910530; JP 9100725 W 19910530