

Title (en)
Rotors for a screw compressor

Title (de)
Rotorpaar für Schraubenverdichter

Title (fr)
Rotors pour un compresseur à vis

Publication
EP 1722104 A3 20140101 (DE)

Application
EP 06008149 A 20060420

Priority
DE 102005022470 A 20050514

Abstract (en)
[origin: EP1722104A2] The rotor pair has a screw profile, whose profile type is different at the two points, interspaced axially along the rotors (1,2). The profile types, adjusted to the respective pressure range, constantly merge into one another.

IPC 8 full level
F04C 18/16 (2006.01); **F04C 18/08** (2006.01); **F04C 25/02** (2006.01)

CPC (source: EP)
F04C 18/084 (2013.01); **F04C 18/16** (2013.01); **F04C 25/02** (2013.01); **F04C 2220/12** (2013.01); **F04C 2230/91** (2013.01)

Citation (search report)

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- [X] WO 02057044 A1 20020725 - STEFFENS RALF [DE]
- [X] US 2003152475 A1 20030814 - BECHER ULRICH F [CH]
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CN104454523A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1722104 A2 20061115; EP 1722104 A3 20140101; EP 1722104 B1 20160413; DE 102005022470 A1 20061116;
DE 102005022470 B4 20150402

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