

Title (en)
Positive displacement machine for compressible fluids

Title (de)
Verdrängermaschine für kompressible Medien

Title (fr)
Machine à déplacement positif pour des fluides compressibles

Publication
EP 1070848 B1 20040414 (DE)

Application
EP 99114031 A 19990719

Priority
EP 99114031 A 19990719

Abstract (en)
[origin: EP1070848A1] The displacement machine has at least two shafts with rotors in the form of spiral strip bodies (4) engaging with each other during rotation. The strip bodies are in two-start form. The rises (S1, S3) at the inlet ends and outlet ends of the strip bodies are constant, but between them, the rise (S2) decreases from the greater rise (S1) at the inlet end to the lesser rise (S3) at the outlet end.

IPC 1-7
F04C 18/16

IPC 8 full level
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CPC (source: EP KR US)
F04B 29/00 (2013.01 - KR); **F04C 18/084** (2013.01 - EP US); **F04C 18/16** (2013.01 - EP US); **F04C 2240/402** (2013.01 - EP US); **F04C 2240/51** (2013.01 - EP US)

Citation (examination)
GB 2030227 A 19800402 - KLAHEY E, et al

Cited by
EP2204532A3; DE202016005209U1; DE102010019402A1; CN102808771A; CN103486023A; DE102016216279A1; DE202017005336U1; WO2013175019A3; WO2014001089A1; US6702558B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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