

Title (en)

SEALING FOR A POSITIVE-DISPLACEMENT MACHINE FOR COMPRESSIBLE FLUIDS

Publication

EP 0158064 B1 19891227 (DE)

Application

EP 85101947 A 19850222

Priority

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Abstract (en)

[origin: EP0158064A2] 1. A sealing strip (3) for sealing axial gaps which are formed between the components - stationary housing (2), rotating rotor (1) - of a displacement machine for compressible media, wherein the sealing strip (3) is held in an axial groove (4) in one of the components and is axially resiliently pressed against a sealing face disposed on the end face of the other component and is of a design which allows elastic deformation when subjected to an axial pressure load determined by its installation, characterised in that a plurality of lamellar-like flexible portions (6) are provided in series in the longitudinal direction of the sealing strip (3) on the end face of the sealing strip (3) remote from the sealing face (5), which portions are formed by axial recesses (7) in the sealing strip (3), which extend over the breadth of the groove.

IPC 1-7

F01C 19/08

IPC 8 full level

F01C 19/08 (2006.01)

CPC (source: EP)

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Cited by

CN102844525A; EP0656462A1; CN103089649A; US6688865B1; EP1229247A4; EP0165714B1

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