

Title (en)
IMPROVEMENT IN A PISTON FOR A REFRIGERATION COMPRESSOR

Title (de)
VERBESSERUNG IN EINEM KOLBEN FÜR EINEN KÄLTEVERDICHTER

Title (fr)
PERFECTIONNEMENT APPORTÉ À UN PISTON POUR UN COMPRESSEUR DE RÉFRIGÉRATION

Publication
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Application
EP 14707932 A 20140206

Priority
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Abstract (en)
[origin: WO2014121364A1] The piston (P) comprises a tubular skirt (10), and a head (H) affixed in the interior of the skirt (10), close to an end edge (11) of the latter and carrying a suction valve (20). The head (H) comprises a central hub (30) having an end front face (30a) and incorporating radial wings (31) whose end edges (31a) are affixed to the skirt (10). The central hub (30) defines, with the skirt (10) and the radial wings (31), respective suction axial passages (32). The head (H) further comprises a cover (40) having a contour concentric to the inner contour of the skirt (10) and having a front face (40a) and a rear face (40b) which is affixed to the central hub (30) by the end front face (30a) of the latter, the contour of the cover (40) maintaining, with the inner contour of the skirt (10), a radial gap which defines a suction annular opening (42) to be closed by the suction valve (20).

IPC 8 full level
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See references of WO 2014121364A1

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