

Title (en)
Compressor with at least one compressor stage and a moisture separator

Title (de)
Verdichter mit Wasserabscheider

Title (fr)
Compresseur avec séparateur d'eau

Publication
EP 0878627 A1 19981118 (EN)

Application
EP 98201582 A 19980512

Priority
BE 9700428 A 19970516

Abstract (en)
Compressor with at least one compressor stage and a moisture separator, whereby the compressor stage comprises a housing (1) which is provided with an inlet (16-17-18) for gas to be compressed, and an outlet (21), and comprises at least two cooperating compressor elements (2 and 3) mounted in this housing (1), at least one of which is rotatable, characterized in that the inlet (16-17-18) is almost closed off from the compressor stage by a rapidly rotating body (19) made of material having a sufficiently low flow resistance for the gas to be compressed in order to let this gas pass, but which keeps back moisture particles and other particles and whirls them radially away, which body (19) is integrated in the housing (1).
<IMAGE>

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IPC 8 full level
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CPC (source: EP)
F04C 13/007 (2013.01); **F04C 27/009** (2013.01); **F04C 29/0092** (2013.01); **F04C 18/16** (2013.01)

Citation (search report)

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