

Title (en)

COMPRESSOR WITH AT LEAST ONE COMPRESSOR STAGE AND A MOISTURE SEPARATOR

Title (de)

VERDICHTER MIT ZUMINDEST EINER VERDICHTUNGSSTUFE UND EINEM FEUCHTIGKEITSABSCHEIDER

Title (fr)

COMPRESSEUR AVEC AU MOINS UN ETAGE DE COMPRESSION ET UN SEPARATEUR D'HUMIDITE

Publication

EP 0854290 B1 20021002 (EN)

Application

EP 98200009 A 19980103

Priority

BE 9700038 A 19970115

Abstract (en)

[origin: EP0854290A1] Compressor with at least one compressor stage and a moisture separator, whereby the compressor stage contains a housing (1) provided with an inlet (16-17-18) for gas to be compressed and an outlet (21) and at least two cooperating compressor elements (2 and 3) mounted in this housing (1) of which at least one is a rotating element, characterized in that the inlet (16-17-18) of the compressor stage is practically sealed by a fast rotating body (19) made of cellular material with open cells which has a sufficiently low flow resistance for the gas to be compressed in order to let the gas through, but which retains moisture particles and other particles and flings them away radially, which body (19) is incorporated in the housing (1). <IMAGE>

IPC 1-7

F04C 29/00; **F04C 18/16**

IPC 8 full level

F04C 18/16 (2006.01); **F04C 29/00** (2006.01); **F04C 29/02** (2006.01); **F04C 29/12** (2006.01)

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Cited by

EP0878627A1; EP2325531A1; CN107100836A

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