

Title (en)

Rotary compressor with improved working efficiency and relative method

Title (de)

Rotationsverdichter mit verbesserter Leistung und dazugehöriges Verfahren

Title (fr)

Compresseur rotatif à efficacité de fonctionnement améliorée et procédé associé

Publication

EP 1798416 A1 20070620 (EN)

Application

EP 06025093 A 20061205

Priority

IT MI20052406 A 20051216

Abstract (en)

A rotary compressor (1) comprising at least one compression chamber provided with an intake air flow inlet (2) and a delivery air flow or air-oil mixture outlet (3), means for closure of the intake and a first, high-pressure chamber (4) of the compressor, also comprising a second, low-pressure chamber (6) of the compressor, and means (8) for selective deviation of said delivery air-oil mixture or air flow of the compressor to said first, high-pressure chamber (4) or to said second, low-pressure chamber (6) of the compressor, and a relative method for increasing the working efficiency of the rotary compressor (1).

IPC 8 full level

F04C 29/02 (2006.01); **F04C 28/06** (2006.01); **F04C 18/16** (2006.01)

CPC (source: EP)

F04B 39/02 (2013.01); **F04C 28/06** (2013.01); **F04C 29/026** (2013.01); **F04C 18/16** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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