

Title (en)

SCREW COMPRESSOR SPECIALLY SUITABLE TO BE CONNECTED IN PARALLEL IN COMPRESSION UNITS

Title (de)

INSBESONDERE ZUR PARALLELVERBINDUNG IN KOMPRESSIONSEINHEITEN GEEIGNETER SCHRAUBENKOMPRESSOR

Title (fr)

COMPRESSEUR À VIS SPÉCIALEMENT APPROPRIÉ POUR ÊTRE MONTÉ EN PARALLÈLE DANS DES UNITÉS DE COMPRESSION

Publication

EP 2417357 A1 20120215 (EN)

Application

EP 09787695 A 20090406

Priority

IT 2009000145 W 20090406

Abstract (en)

[origin: WO2010116388A1] Compressor comprising a body (2) in which it is possible to identify: an intake (3) for a fluid made up of a mixture of gas (G) and auxiliary fluid (L); compression means (5) located downstream of the intake (3); a separation chamber (6) downstream of the compression means (5) to separate the gas (G) from the auxiliary fluid (L); a duct (7) placing the area (54) downstream of the compression means (5) in communication with the separation chamber (6); an auxiliary circuit (8) comprising a pipe (81) connected between the separation chamber (6) and the area (53) upstream of the compression means (5) that makes the auxiliary fluid (L) return into the compression means (5); a delivery outlet (4) connected to an outlet duct (102) of the compressed gas (G). A check valve (10) is inserted in the duct (7) that places the compression means (5) in communication with the separation chamber (6) and a solenoid valve (11) is inserted in the pipe (81) of the auxiliary circuit (8).

IPC 8 full level

F04C 23/00 (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP)

F04C 23/001 (2013.01); **F04C 28/06** (2013.01); **F04C 29/026** (2013.01); **F04C 18/16** (2013.01); **F04C 2270/56** (2013.01)

Citation (search report)

See references of WO 2010116388A1

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