

Title (en)

Screw compressor and method of operation thereof.

Title (de)

Schraubenverdichter und sein Betriebsverfahren.

Title (fr)

Compresseur à vis et son procédé de fonctionnement.

Publication

EP 0389036 A1 19900926 (EN)

Application

EP 90200581 A 19900309

Priority

NL 8900694 A 19890321

Abstract (en)

Screw compressor with two parallel screws (1,3) engaging with each other, one of which (1) is driven while the other (3) is carried, surrounded by a stator housing (4) and provided with an inlet for the gas to be compressed and an outlet for the compressed gas, said stator housing also having injection points through which water is injected into the stator housing, whereby one injection point (A) is located at a place in the stator housing where the pressure is equal to $2\sqrt{3} \cdot P$ plus or minus 0.5 bar, and in that further injection points (B) are provided at a place in the stator housing (4) where the pressure is equal to $2\sqrt{3} \cdot P$ plus or minus 0.5 bar and injection points (C) at the inlet side of the gas, P being equal to the absolute final pressure of the compressor.

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

F04C 29/0007 (2013.01)

Citation (search report)

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