

Title (en)

Noise attenuator designed and meant for a compressor

Title (de)

Schalldämpfer ausgebildet und bestimmt für einen Kompressor

Title (fr)

Silencieux développé pour et destiné à un compresseur

Publication

EP 1715189 A1 20061025 (DE)

Application

EP 06005095 A 20060313

Priority

- EP 05008836 A 20050422
- EP 06005095 A 20060313

Abstract (en)

The silencer (11) for a compressor or a vacuum pump working on a displacement principle comprises a branching section (14) with an inlet channel (15) and branches (16, 17), with the branch (17) closed at its end. Independent claims are also included for: (A) a compressor or a vacuum pump with the proposed silencer; (B) a method for reducing noise from a compressor or a vacuum pump with the proposed silencer.

IPC 8 full level

F04C 29/06 (2006.01)

CPC (source: EP US)

F04C 29/061 (2013.01 - EP US); **F04C 18/16** (2013.01 - EP US); **F04C 2220/10** (2013.01 - EP US); **Y10S 181/403** (2013.01 - EP US)

Citation (applicant)

- EP 0542169 B1 19960110 - WILMS PETER [DE]
- US 2990907 A 19610704 - EVERETT WILHELM S
- JP H0828479 A 19960130 - KOBE STEEL LTD

Citation (search report)

- [X] US 2990907 A 19610704 - EVERETT WILHELM S
- [X] US 5101931 A 19920407 - BLASS JAROSLAV [US], et al
- [X] FR 2498681 A1 19820730 - SONICA [FR]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05 31 May 1996 (1996-05-31)

Cited by

CN109074795A; BE1018044A3; CN114837913A; US9145040B2; US10180140B2; EP3356677B1; EP3042080B1; EP3042080B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 06005095 A 20060313; JP 2006119246 A 20060424; US 40789206 A 20060421