

Title (en)  
Silencer for a screw compressor

Title (de)  
Schalldämpfer für einen Schraubenverdichter

Title (fr)  
Dispositif silencieux pour compresseur à vis

Publication  
**EP 0542169 B1 19960110 (DE)**

Application  
**EP 92119148 A 19921109**

Priority  
DE 9113962 U 19911109

Abstract (en)  
[origin: EP0542169A1] With a silencer for a screw compressor or the like, having an inlet for the compressed air which leaves the compressor, an adjoining flow channel and an outlet, a solution is to be provided with which sources of sound can be effectively damped in such a way that they fulfil the current environmental requirements relating to the generation of noise. This is achieved in that the flow channel (5) has between inlet and outlet at least one bent area (8 and 11) and, downstream of the bent area (8), at least one expansion chamber (10). <IMAGE>

IPC 1-7  
**F04C 29/06**; **F04B 39/00**

IPC 8 full level  
**F01N 1/08** (2006.01); **F01N 1/10** (2006.01); **F01N 13/00** (2010.01); **F04B 39/00** (2006.01); **F04C 29/06** (2006.01)

CPC (source: EP)  
**F01N 1/084** (2013.01); **F01N 1/089** (2013.01); **F01N 1/10** (2013.01); **F01N 13/002** (2013.01); **F04C 29/066** (2013.01)

Cited by  
EP2078833A3; US6158983A; EP1004772A3; EP1715189A1; US10941776B2; WO2010091656A3; US10830239B2; EP2273120B1; US10808969B2

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