

Title (en)  
SILENCER FOR A COMPRESSED-AIR SYSTEM

Publication  
**EP 0127550 B1 19900228 (FR)**

Application  
**EP 84401109 A 19840530**

Priority  
FR 8309011 A 19830531

Abstract (en)  
[origin: EP0127550A2] 1. A silencer for a compressed air installation of the type including baffles (7, 8, 28) prolongating the path of travel of the flux of air with at least one portion of the chamber of the chamber defined by a perforated wall (5) maintaining a filling (6) of absorbing material, the baffles (7, 28) being formed with orifices (13; 27, 27', 33) separating the global flux of air into elementary streams of reduced section, the orifices (13; 27, 27', 33) and the baffles (7, 8, 28) being placed such that the streams collide against the wall of at least some of the adjacent baffles (7, 28) and/or against each other and are brought in contact with said perforated wall (5) maintaining the filling of absorbing material, characterized in that it includes means (12; 27, 27') providing for a return of said streams of air along path of travel portions which are substantially parallel but in an opposite direction with respect to the general circulation direction, the circulation in contact with the perforated wall (5) being effected according to a total path of travel which is close to the length of the silencer.

IPC 1-7  
**F01N 1/10; F01N 3/02**

IPC 8 full level  
**F01N 1/08** (2006.01); **F01N 1/10** (2006.01); **F01N 3/00** (2006.01); **F01N 3/02** (2006.01); **F01N 3/021** (2006.01); **F01N 3/033** (2006.01); **F01N 3/037** (2006.01)

CPC (source: EP)  
**F04B 39/0061** (2013.01)

Cited by  
EP1383989A4; FR2785360A1; RU202358U1; FR2609108A1; EP0316637A1; CN110526409A; US6604604B1; US7216739B2; US6926117B2; WO2005116409A1; EP1191195B1; KR101232472B1

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**EP 0127550 A2 19841205; EP 0127550 A3 19861230; EP 0127550 B1 19900228**; AT E50621 T1 19900315; DE 3481438 D1 19900405; FR 2546970 A1 19841207; FR 2546970 B1 19870925

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