

Title (en)
Filter-silencer

Title (de)
Filterschalldämpfer

Title (fr)
Filtre-amortisseur de bruit

Publication
EP 0574605 B1 19961120 (DE)

Application
EP 92110222 A 19920617

Priority
EP 92110222 A 19920617

Abstract (en)
[origin: EP0574605A1] In a filter silencer on the intake side of a compressor, with a plurality of annular silencing elements (2) and (2a) consisting of segments butted in a circumferential direction, the base body is designed as a cast monobloc, the silencing segments are fixed on the support part by means of ribs which are cast integrally and radially and have grooves, and the filter frame consists of a perforated plate or a plurality of detachable perforated plate halves connected to one another by means of connection elements. The advantages of the invention comprise, inter alia, simplified assembly and a reduction in the number of components and in the production costs, combined with improved silencing even for higher-frequency excitation. <IMAGE>

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F04D 29/66; F04D 29/70; F02M 35/14

IPC 8 full level
F02M 35/14 (2006.01); **F04D 29/66** (2006.01); **F04D 29/70** (2006.01)

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