

Title (en)

Filter silencer mounting device for turbo charger inlet

Title (de)

Befestigungsvorrichtung für einen Filterschalldämpfer am Verdichtereingang eines Turboladers

Title (fr)

Dispositif de montage d'un filtre silencieux pour l'entrée d'une turbo-soufflante

Publication

EP 1186781 B1 20061102 (DE)

Application

EP 00810814 A 20000908

Priority

EP 00810814 A 20000908

Abstract (en)

[origin: EP1186781A1] Fixing device (36) comprises an oscillating decoupler (46) arranged between a filter exhaust gas silencer (16) and the housing part (32) of a compressor so that it oscillates with a different frequency than a turbocharger housing when the silencer is activated. <??>An Independent claim is also included for a turbocharger for charging I.C. engines. Preferred Features: The decoupler is a rubber-elastic element made from an elastomer having good temperature, wear and oil resistance. The decoupler has a low rigidity in the axial direction as well as across the axial direction of the turbocharger. The decoupler is mechanically pre-stressed.

IPC 8 full level

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CPC (source: EP KR)

F04D 25/024 (2013.01 - EP); **F04D 29/66** (2013.01 - KR); **F04D 29/668** (2013.01 - EP); **F04D 29/701** (2013.01 - EP); **F05D 2220/40** (2013.01 - EP)

Cited by

EP1586745A1; CN105531460A; EP3009633A4; EP3173630A1; US11486296B2; US7900449B2; EP3926148A1; WO2020020640A1; WO2005061903A1; WO2008023033A1

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