

Title (en)
Turbocharged internal combustion engine

Title (de)
Aufgeladene Brennkraftmaschine

Title (fr)
Moteur à combustion interne suralimenté

Publication
EP 1260697 A2 20021127 (DE)

Application
EP 02006429 A 20020322

Priority
DE 10125551 A 20010523

Abstract (en)
The silencer (14) is integrated into a coupling between charging air hose (12) and pressure connection (10) so as to reach into hose and connection. The silencer comprises outer chamber (26) and second outer chamber (30) arranged so chamber (26) engages connection (10) via orifice (8) and chamber (30) engages the hose (12) via orifice (32). The inner pipe (14) comprises a first part as chamber (26) and second part as chamber (30), with parts (16,18) meeting where bent at interface (34) in flanges (38) and here welded together. The silencer is designed for turbocharger incorporation.
The silencer (14) is integrated into a coupling between charging air hose (12) and pressure connection (10) so as to reach into hose and connection. The silencer comprises outer chamber (26) and second outer chamber (30) arranged so chamber (26) engages connection (10) via orifice (8) and chamber (30) engages the hose (12) via orifice (32). The inner pipe (14) comprises a first part as chamber (26) and second part as chamber (30), with parts (16,18) meeting where bent at interface (34) in flanges (38) and here welded together. The silencer is designed for turbocharger incorporation.

Abstract (de)
Die Erfindung betrifft eine Brennkraftmaschine, insbesondere für ein Kraftfahrzeug, mit einem eine Ladeluft verdichtenden Lader, welcher einen Verdichterdruckstutzen (10) aufweist, einem Ansaugtrakt, einem den Verdichterdruckstutzen (10) des Laders mit dem Ansaugtrakt verbindenden Ladeluftschlauch (12) und einem im Luftstrom der Ladeluft angeordneten Geräuschdämpfer. Hierbei ist der Geräuschdämpfer (14, 20) in eine Kupplung zwischen Ladeluftschlauch (12) und Verdichterdruckstutzen (10) derart integriert, daß der Geräuschdämpfer (14, 20) einerseits in den Verdichterdruckstutzen (10) und andererseits in den Ladeluftschlauch (12) eingreift. <IMAGE>

IPC 1-7
F02M 35/12

IPC 8 full level
F02M 35/12 (2006.01); **F02B 29/04** (2006.01)

CPC (source: EP)
F02M 35/10144 (2013.01); **F02M 35/1255** (2013.01); **F02M 35/1283** (2013.01); **F02B 29/04** (2013.01)

Citation (applicant)
• DE 19506584 C1 19960515 - DAIMLER BENZ AG [DE]
• DE 19960427 C1 20010208 - MUENDENER GUMMIWERK GMBH [DE], et al

Cited by
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