

Title (en)
Turbocharged internal combustion engine

Title (de)
Aufgeladene Brennkraftmaschine

Title (fr)
Moteur à combustion interne suralimenté

Publication
EP 1260697 A3 20031112 (DE)

Application
EP 02006429 A 20020322

Priority
DE 10125551 A 20010523

Abstract (en)
[origin: EP1260697A2] 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.
[origin: EP1260697A2] 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.

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 (search report)
• [X] DE 3531353 A1 19870312 - AUDI AG [DE]
• [A] DE 19943246 A1 20010322 - DAIMLER CHRYSLER AG [DE]
• [A] DE 19855708 A1 20000608 - DENKER DIETRICH [DE], et al

Cited by
FR2912201A1; DE102006038830A1; DE102006038830B4; DE102010020064A1; DE102010020064B4; GB2389149A; GB2389149B; EP3020955A4; DE102011002869A1; DE102011002869B4; CN106103964A; CN110651114A; EP2128425A1; FR2931901A1; US10495113B2; WO2013152793A1; US6983820B2; EP1956281A1; US10533452B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1260697 A2 20021127; **EP 1260697 A3 20031112**; **EP 1260697 B1 20060329**; DE 10125551 A1 20021128; DE 50206182 D1 20060518

DOCDB simple family (application)
EP 02006429 A 20020322; DE 10125551 A 20010523; DE 50206182 T 20020322