

Title (en)
DIVERTER FOR CATALYTIC CONVERTER

Title (de)
UMLENKER FÜR KATALYSATOR

Title (fr)
ORGANE DE DERIVATION POUR CONVERTISSEUR CATALYTIQUE

Publication
EP 1743090 A2 20070117 (EN)

Application
EP 04821851 A 20040317

Priority
US 2004008095 W 20040317

Abstract (en)
[origin: WO2005094253A2] A diverter (60) is provided, which is of low cost and which is effective in more evenly distributing exhaust gasses passing from a small diameter upstream exhaust gas pipe section (42) into a much larger diameter catalytic converter assembly (20). The diverter includes a diverter element (70) and mounting brackets (72). The diverter element has a central hole (82) and has conical walls with an included angle (G) of at least 70°, the conical walls having a plurality of holes (90). The large conical angle (G) of the diverter effectively directs exhaust gases to the periphery of the large diameter catalytic converter but blocks a radially intermediate portion of the catalyst, while the holes in the conical diverter walls allow sufficient exhaust gases to reach the radially intermediate portion of the catalyst.

IPC 8 full level
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See references of WO 2005094253A2

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