

Title (en)
Gas Mixing system

Title (de)
Gasmischsystem

Title (fr)
Système de mélange de gaz

Publication
EP 2133548 A1 20091216 (EN)

Application
EP 08158172 A 20080612

Priority
EP 08158172 A 20080612

Abstract (en)
In one aspect a mixing tube may be provided that may have mixing tube wall with a plurality of mixing tube ports. The mixing tube may have a gas inlet opening. A mixing assembly may include a mixing tube as described and a mixing body. The mixing body may include a first gas passage, a second gas passage and may include an opening that connects the first and the second gas passages. The mixing tube may be mounted in the opening so that, in use, first gas that flows from the first gas passage to the second gas passage has to enter the gas inlet opening of the mixing tube and leave the mixing tube via the plurality of mixing tube ports. In yet another aspect, an exhaust gas recirculation system for an internal combustion engine may be provided that may include a mixing assembly as described.

IPC 8 full level
F02M 25/07 (2006.01); **B01F 23/10** (2022.01)

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Citation (applicant)
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• WO 02070888 A1 20020912 - VOLVO LASTVAGNAR AB [SE], et al
• US 2006060173 A1 20060323 - WEI PUNING [US], et al
• EP 1533512 A2 20050525 - MAHLE FILTERSYSTEME GMBH [DE]

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• [XY] US 2006060173 A1 20060323 - WEI PUNING [US], et al
• [YA] DE 19937781 A1 20010215 - MANN & HUMMEL FILTER [DE]
• [X] EP 1533512 A2 20050525 - MAHLE FILTERSYSTEME GMBH [DE]
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• [X] WO 02070888 A1 20020912 - VOLVO LASTVAGNAR AB [SE], et al

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