

Title (en)

FEEDING ARRANGEMENT FOR INTRODUCING RECIRCULATED EXHAUST GAS

Title (de)

ZUFÜHRUNGSANORDNUNG ZUR EINLEITUNG VON RÜCKGEFÜHRTEM ABGAS

Title (fr)

DISPOSITIF D'ALIMENTATION POUR L'INTRODUCTION DE GAZ D'ÉCHAPPEMENT RECYCLÉS

Publication

EP 3426901 A1 20190116 (DE)

Application

EP 17709353 A 20170306

Priority

- DE 102016003003 A 20160311
- EP 2017000295 W 20170306

Abstract (en)

[origin: WO2017153042A1] Disclosed is a feeding arrangement for introducing recirculated exhaust gas into the fresh air duct (1) of an internal combustion engine. The invention is characterized in that a quick-closing gate (4) is placed in the fresh air duct (1) upstream of the cylinder head of the internal combustion engine in order to block the fresh air supply, and in that the outlet port (2) of the exhaust gas recirculation system (3) is located centrally in the fresh air duct (1) and in the direction of flow of the fresh air in such a way that a minimal gap is formed upstream of the quick-closing gate (4).

IPC 8 full level

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CPC (source: EP RU US)

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Citation (search report)

See references of WO 2017153042A1

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DOCDB simple family (application)

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