

Title (en)

Method for the determining of the mass flow of a gas mixture

Title (de)

Verfahren zur Bestimmung des Massenstroms eines Gasgemisches

Title (fr)

Procédé de détermination du débit massique d'un mélange gazeux

Publication

EP 1106813 A3 20030514 (DE)

Application

EP 00124703 A 20001111

Priority

DE 19959660 A 19991210

Abstract (en)

[origin: EP1106813A2] The method involves determining the instantaneous mass flow (\dot{m}) of the gas mixture using an algorithm in a controller, whereby a set of lines dependent on the venting valve drive time is defined by gradients dependent on the suction pipe vacuum (p_s) and offset values dependent on the suction pipe vacuum and multiplied by the drive frequency and the maximum mass flow (\dot{m}_{max}).

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

F02D 41/0045 (2013.01); **F02M 25/08** (2013.01); **F02D 41/0042** (2013.01)

Citation (search report)

- [A] US 5216995 A 19930608 - HOSODA FUMIO [JP], et al
- [A] US 5072712 A 19911217 - STEINBRENNER ULRICH [DE], et al
- [A] DE 19756919 A1 19981008 - BOSCH GMBH ROBERT [DE]

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CN108981830A; US7347193B2; WO2005008047A1

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EP 1106813 A2 20010613; **EP 1106813 A3 20030514**; **EP 1106813 B1 20040324**; DE 19959660 C1 20010705; DE 50005783 D1 20040429

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