

Title (en)

EXHAUST PURIFYING APPARATUS FOR INTERNAL COMBUSTION ENGINE

Title (de)

ABGASREINIGUNGSVORRICHTUNG FÜR VERBRENNUNGSKRAFTMASCHINEN

Title (fr)

DISPOSITIF DE PURIFICATION DE GAZ D'ECHAPPEMENT POUR MOTEURS A COMBUSTION INTERNE

Publication

EP 0831211 A1 19980325 (EN)

Application

EP 96914422 A 19960524

Priority

- JP 9601382 W 19960524
- JP 12689695 A 19950525

Abstract (en)

An exhaust emission control device wherein a thin steel plate (22) carrying catalytic metals is disposed substantially at the central portion of a cross section of an exhaust pipe (5) extending from an exhaust port (4) of an engine (3). Specifically, since the catalytic metals are disposed substantially at the central portion of the cross section of the exhaust pipe (5) which has a high exhaust gas temperature, an exhaust gas controlling action is sufficiently performed and moreover the production cost of the device can be reduced. <IMAGE>

IPC 1-7

F01N 3/24; **F01N 3/20**

IPC 8 full level

F01N 3/28 (2006.01); **F01N 3/20** (2006.01); **F01N 3/24** (2006.01); **F01N 13/08** (2010.01)

CPC (source: EP KR)

F01N 1/08 (2013.01 - KR); **F01N 3/28** (2013.01 - EP); **F01N 3/2807** (2013.01 - EP); **F01N 13/0097** (2014.06 - EP); **F01N 2260/10** (2013.01 - EP); **F01N 2470/02** (2013.01 - EP); **F01N 2470/24** (2013.01 - EP)

Cited by

EP2136042A1; DE102011016170A1; DE102016101693A1; US10267207B2; US9856776B1; US8062990B2; US10233814B2; WO0194010A3; US8136628B2

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DOCDB simple family (application)

JP 9601382 W 19960524; CN 96193993 A 19960524; EP 96914422 A 19960524; JP 12689695 A 19950525; KR 19970706385 A 19970912; TW 85220080 U 19960524