

Title (en)

Exhaust system of an internal-combustion engine.

Title (de)

Abgasanlage einer Brennkraftmaschine.

Title (fr)

Système d'échappement d'un moteur à combustion interne.

Publication

**EP 0386328 A2 19900912 (DE)**

Application

**EP 89122253 A 19891202**

Priority

DE 3907776 A 19890310

Abstract (en)

A small catalytic converter (4) is installed, such that it can move longitudinally or pivot, as a starting catalytic converter in the exhaust pipe (3) of an internal-combustion engine such that it can move into a lateral chamber (5) of the exhaust pipe (3) or a flow dead space (31) when the exhaust flow is high. <IMAGE>

Abstract (de)

In das Abgasrohr (3) einer Brennkraftmaschine ist als Startkatalysator ein kleiner Katalysator (4) längsbeweglich oder schwenkbar so eingebaut, daß er bei hohem Abgasstrom in eine seitliche Kammer (5) des Abgasrohrs (3) oder einen Strömungstotraum (31) hineinbewegbar ist.

IPC 1-7

**F01N 3/20**

IPC 8 full level

**F01N 3/24** (2006.01); **F01N 3/20** (2006.01); **F01N 3/28** (2006.01); **F01N 13/02** (2010.01)

CPC (source: EP US)

**F01N 3/2053** (2013.01 - EP US); **F01N 13/009** (2014.06 - EP US)

Cited by

DE102009035086A1; EP0555719A1; US5474751A; WO9219850A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0386328 A2 19900912; EP 0386328 A3 19901107; EP 0386328 B1 19930908**; DE 3907776 A1 19900913; DE 58905552 D1 19931014; ES 2042945 T3 19931216; JP H02271023 A 19901106; US 5058380 A 19911022

DOCDB simple family (application)

**EP 89122253 A 19891202**; DE 3907776 A 19890310; DE 58905552 T 19891202; ES 89122253 T 19891202; JP 5389790 A 19900307; US 48096290 A 19900216