

Title (en)

CONVERTER FOR EXHAUST GASES OF INTERNAL COMBUSTION ENGINES

Title (de)

KONVERTER FÜR ABGASE VON VERBRENNUNGSMOTOREN

Title (fr)

CONVERTISSEUR POUR GAZ D'ECHAPPEMENT DE MOTEURS A COMBUSTION INTERNE

Publication

**EP 1685313 B1 20061227 (EN)**

Application

**EP 04769659 A 20041018**

Priority

- IB 2004003398 W 20041018
- IT MI20032210 A 20031114
- IT MI20040847 A 20040428

Abstract (en)

[origin: WO2005047664A1] It is described a converter (10) for exhaust gases of internal combustion engines, comprising a housing (13) which is provided with at least one inlet opening (14) for the exhaust gases to be converted and with at least one outlet opening (15) for the converted gases and includes a converting system (11), in which the converting system comprises a plurality of panels (12) of fibers (30) comprising a metallic center (31) covered with a layer of oxides (32) carrying catalytically active metals (33), said panels being arranged with an edge facing the inlet opening and with another edge facing the outlet opening, essentially parallel to each other, and kept spaced apart by means of metallic spacers (41, 41'; 51, 51'; 62; 70).

IPC 8 full level

**F01N 3/28** (2006.01); **B01J 35/00** (2024.01)

CPC (source: EP KR)

**F01N 3/20** (2013.01 - KR); **F01N 3/24** (2013.01 - KR); **F01N 3/28** (2013.01 - KR); **F01N 3/281** (2013.01 - EP); **F01N 3/2817** (2013.01 - EP); **F01N 3/2821** (2013.01 - EP); **F01N 3/2835** (2013.01 - EP); **F01N 13/00** (2013.01 - KR); **F01N 2330/02** (2013.01 - EP); **F01N 2330/10** (2013.01 - EP); **F01N 2330/101** (2013.01 - EP); **F01N 2330/38** (2013.01 - EP)

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**WO 2005047664 A1 20050526**; DE 602004003975 D1 20070208; DE 602004003975 T2 20071018; EP 1685313 A1 20060802; EP 1685313 B1 20061227; JP 2007511699 A 20070510; KR 20060121190 A 20061128

DOCDB simple family (application)

**IB 2004003398 W 20041018**; DE 602004003975 T 20041018; EP 04769659 A 20041018; JP 2006538973 A 20041018; KR 20067011686 A 20060614