

Title (en)
METALLIC CATALYST SUPPORT HAVING A SHORT TUBULAR CASING

Publication
EP 0277477 B1 19900516 (DE)

Application
EP 88100077 A 19880105

Priority
DE 3701052 A 19870115

Abstract (en)
1. Metal catalyst carrier body (1) with a honey-comb structure formed from textured metal sheets (2, 3) and through which gas can flow, said honey-comb structure being surrounded by a casing tube (4) which is shorter than the catalyst carrier body (1), characterised by the following features : a) the end surfaces of the catalyst carrier body (1) are brazed at least over a portion of said end surfaces as far as a given depth (t1 , t2), preferably a few millimeters ; b) the casing tube (4) ends before the two end surfaces at a given distance (a1 , a2) away, this being greater than the brazing depth (t1 , t2), preferably a distance of 5 to 40 mm ; c) the casing tube (4) is only brazed to the outermost layer of the catalyst carrier body (1) over a narrow circumferential zone (5) and extends annularly over approximately only this circumferential zone (5).

IPC 1-7
F01N 3/28

IPC 8 full level
F01N 3/28 (2006.01)

CPC (source: EP KR US)
F01N 3/28 (2013.01 - KR); **F01N 3/281** (2013.01 - EP US); **F01N 2260/08** (2013.01 - EP US); **F01N 2260/10** (2013.01 - EP US);
F01N 2330/04 (2013.01 - EP US); **Y10T 29/49345** (2015.01 - EP US)

Cited by
FR2656376A1; DE102004015814A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0277477 A1 19880810; EP 0277477 B1 19900516; AT E52836 T1 19900615; DE 3860155 D1 19900621; ES 2014333 B3 19900701;
JP H0583728 B2 19931129; JP S63176613 A 19880720; KR 880008831 A 19880913; KR 960000483 B1 19960108; MX 170296 B 19930816;
US 4948353 A 19900814

DOCDB simple family (application)
EP 88100077 A 19880105; AT 88100077 T 19880105; DE 3860155 T 19880105; ES 88100077 T 19880105; JP 568288 A 19880112;
KR 880000256 A 19880115; MX 1011288 A 19880114; US 14450388 A 19880115