

Title (en)

Stainless ferritic steel, particularly suitable as catalyst substrate

Title (de)

Rostfreies ferritisches Stahl, insbesondere verwendbar für Katalysatorträger

Title (fr)

Acier inoxydable ferritique, utilisable notamment pour des supports de catalyseurs

Publication

**EP 0735153 B1 19991027 (FR)**

Application

**EP 96400630 A 19960325**

Priority

FR 9503641 A 19950329

Abstract (en)

[origin: EP0735153A1] A ferritic steel alloy, used as a catalyst support in a car exhaust filter, comprises 12-25% Cr, 4-7% Al, less than 0.08% in total of one or more of Ce, La, Nd, Pr and Y, pref. less than 0.3% in total of Zr and/or Nb and less than the following of other constituents 0.03% C, 0.02% N, 0.22% Ni, 0.002% S, 0.6% Si and 0.4% Mn. The actual amounts of Zr and/or Nb are defined mathematically in terms of the C and N levels.

IPC 1-7

**C22C 38/26**; **C22C 38/28**

IPC 8 full level

**C22C 38/26** (2006.01); **C22C 38/28** (2006.01)

CPC (source: EP US)

**C22C 38/26** (2013.01 - EP US); **C22C 38/28** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0735153 A1 19961002**; **EP 0735153 B1 19991027**; AT E186078 T1 19991115; CA 2172921 A1 19960930; CA 2172921 C 20020326; CN 1051582 C 20000419; CN 1147562 A 19970416; DE 69604852 D1 19991202; DE 69604852 T2 20000525; DK 0735153 T3 20000425; ES 2140043 T3 20000216; FR 2732360 A1 19961004; FR 2732360 B1 19980320; GR 3032240 T3 20000427; US 5866065 A 19990202

DOCDB simple family (application)

**EP 96400630 A 19960325**; AT 96400630 T 19960325; CA 2172921 A 19960328; CN 96107244 A 19960329; DE 69604852 T 19960325; DK 96400630 T 19960325; ES 96400630 T 19960325; FR 9503641 A 19950329; GR 990403327 T 19991222; US 62378296 A 19960329