

Title (en)

SUBSTRATE FOR CATALYTIC SYSTEM AND FERRITIC STAINLESS STEEL FROM WHICH IT IS FORMED

Publication

EP 0033203 A3 19810826 (EN)

Application

EP 81300144 A 19810114

Priority

US 11564780 A 19800128

Abstract (en)

[origin: EP0033203A2] A system comprising a ferritic stainless steel substrate having a tightly adherent oxide coating and a catalytic material thereupon, and the ferritic stainless steel from which the substrate is formed. The ferritic stainless steel is of a chemistry which forms a tightly adherent non-spalling scale suitable for application of a catalytic bearing material and consists essentially of, by weight, up to 26% chromium, from 1 to 8% aluminium, between 0.01 and 0.1% yttrium, up to 0.1% carbon, up to 2% silicon, balance essentially iron.

IPC 1-7

C22C 38/18

IPC 8 full level

C22C 38/00 (2006.01); **B01J 23/86** (2006.01); **C22C 38/18** (2006.01)

CPC (source: EP)

C22C 38/18 (2013.01)

Citation (search report)

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