

Title (en)

Substrate for catalytic system and ferritic stainless steel from which it is formed.

Title (de)

Trägerwerkstoff für Katalysatoren und ferritischer rostfreier Stahl, aus dem der genannte Träger hergestellt wird.

Title (fr)

Support pour catalyseur et acier ferritique inoxydable, utilisé pour sa fabrication.

Publication

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Application

EP 81300144 A 19810114

Priority

US 11564780 A 19800128

Abstract (en)

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.

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C22C 38/18

IPC 8 full level

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CPC (source: EP)

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Cited by

US4661169A; DE10310865B3; DE19642497C1; FR2587635A1; US5411610A; EP0572674A4; EP0467110A1; EP0480461A1; EP0091526A3

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