

Title (en)

Heat resistant chromized steel, process for the production thereof and its use in anti-coking applications

Title (de)

Hitzebeständiger chromierter Stahl, Verfahren zur seiner Herstellung und seine Verwendung in anti-Verkokungsanwendungen

Title (fr)

Acier réfractaire chromisé, son procédé d'obtention et ses utilisations dans des applications anti-cokage

Publication

EP 0889146 B1 20040506 (FR)

Application

EP 98401567 A 19980625

Priority

FR 9708511 A 19970704

Abstract (en)

[origin: EP0889146A1] Coated steel components with anti-coking properties comprise: a refractory steel substrate containing at least 0.2 % carbon; a carbon-rich diffusion barrier layer; and an external layer containing 90 - 99 % chromium coated by cementation. Also claimed are the preparation and uses of the coated products.

IPC 1-7

C23C 10/42; **C10G 9/20**

IPC 8 full level

C23C 10/38 (2006.01); **C10G 9/20** (2006.01); **C23C 10/42** (2006.01)

CPC (source: EP US)

C10G 9/203 (2013.01 - EP US); **C23C 10/42** (2013.01 - EP US); **C23C 28/023** (2013.01 - EP US); **C23C 28/028** (2013.01 - EP US)

Cited by

US6250340B1; US6923900B2; US6644358B2; US8033767B2; US8070401B2

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EP 98401567 A 19980625; CA 2241349 A 19980703; DE 69823585 T 19980625; FR 9708511 A 19970704; JP 18840198 A 19980703; US 10986798 A 19980706