

Title (en)

Stainless ferritic steel, suitable for producing steel wool

Title (de)

Rostfreier ferritischer Stahl, verwendbar zur Herstellung von Stahlwolle

Title (fr)

Acier inoxydable ferritique utilisable pour la production de laine d'acier

Publication

EP 0773306 A1 19970514 (FR)

Application

EP 96402088 A 19961001

Priority

FR 9512976 A 19951103

Abstract (en)

Ferritic stainless steel for making wire wool comprises 11-30 wt.% chromium, up to the following levels of other elements - 0.2% carbon, 2% silicon, 2% manganese, 1% nickel and 0.030% sulphur and also at least 0.0015% calcium and at least 0.0040% oxygen, the ratio of Ca to O being in the range 0.2-0.7. Also claimed are wire made by drawing the steel and wire wool made by shaving the wires.

Abstract (fr)

Acier inoxydable ferritique utilisable pour la production de laine d'acier caractérisé en ce que sa composition pondérale est la suivante: carbone $\leq 0,2\%$, silicium $\leq 2\%$; manganèse $\leq 2\%$, 11% \leq chrome $\leq 30\%$, nickel $\leq 1\%$, soufre $\leq 0,030\%$, calcium $\geq 15 \cdot 10^{-4} \%$, oxygène $\geq 40 \cdot 10^{-4} \%$, la teneur en calcium et oxygène satisfaisant la relation suivante : $0,2 \leq \text{Ca/O} \leq 0,7$. <IMAGE>

IPC 1-7

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IPC 8 full level

C22C 38/18 (2006.01); **C22C 38/60** (2006.01)

CPC (source: EP US)

C22C 38/18 (2013.01 - EP US); **C22C 38/60** (2013.01 - EP US); **Y10T 428/12431** (2015.01 - EP US)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 18, no. 468 (C - 1244) 31 August 1994 (1994-08-31)

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DOCDB simple family (application)

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