

Title (en)  
Stainless austenitic steel suitable for the manufacture of wires

Title (de)  
Rostfreier austenitischer Stahl geeignet für die Herstellung von Drähte

Title (fr)  
Acier inoxydable austénitique pour l'élaboration notamment de fil

Publication  
**EP 0738783 B1 20000308 (FR)**

Application  
**EP 96400736 A 19960405**

Priority  
FR 9504782 A 19950421

Abstract (en)  
[origin: EP0738783A1] Austenitic stainless steel consists of wt.%:- max. 0.2 C; max 0.2 N; 0.3-4 Mn; 14-23 Cr; 5-17 Ni; 0.3-2 Si; max 0.1 S; 0.005-0.012 O; 0.00001-0.002 Al. max 0.0002 Mg; 0.00001-0.0005 Ca; max 0.005 Ti. Inside the steel area oxide inclusions as follows:- 40-60 SiO<sub>2</sub>; 5-50 MnO; 1-30 CaO; 0.1-20 MgO; 3-25 Al<sub>2</sub>O<sub>3</sub>; 0.1-10 Cr<sub>2</sub>O<sub>3</sub>.

IPC 1-7  
**C22C 38/40**

IPC 8 full level  
**C22C 38/00** (2006.01); **C21D 8/06** (2006.01); **C22C 38/18** (2006.01); **C22C 38/40** (2006.01); **C22C 38/44** (2006.01); **C22C 38/50** (2006.01); **C22C 38/58** (2006.01)

CPC (source: EP KR US)  
**C21D 8/065** (2013.01 - EP US); **C22C 38/40** (2013.01 - EP KR US)

Cited by  
FR2818290A1; FR2818289A1; EP1221494A1; CN107760973A; EP0859064A1; FR2759709A1; AU734559B2; EP0947591A1; FR2776306A1; US6123784A; CN1098372C; US6440579B1

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