

Title (en)

Ferritic stainless steel with improved machinability.

Title (de)

Rostfreies ferritisches Stahl mit verbesserter Bearbeitbarkeit.

Title (fr)

Acier inoxydable ferritique à usinabilité améliorée.

Publication

EP 0685567 A1 19951206 (FR)

Application

EP 95400951 A 19950427

Priority

FR 9406590 A 19940531

Abstract (en)

Stainless steel contains in %:- less than 0.17C; max. 2Si; max. 2Mn; 11-20Cr; max 0.1Ni; max 0.55S; min 30x10-4Ca; min 70x10-40; with ratio of Ca/O being 0.2-0.6.

IPC 1-7

C22C 38/60; **C22C 38/00**

IPC 8 full level

C22C 38/00 (2006.01); **C22C 38/18** (2006.01); **C22C 38/34** (2006.01); **C22C 38/38** (2006.01); **C22C 38/58** (2006.01); **C22C 38/60** (2006.01)

CPC (source: EP KR US)

C22C 38/18 (2013.01 - KR); **C22C 38/40** (2013.01 - KR); **C22C 38/60** (2013.01 - EP US)

Citation (search report)

- [A] FR 2456785 A1 19801212 - DAIDO STEEL CO LTD [JP]
- [A] EP 0567365 A1 19931027 - UGINE SAVOIE SA [FR]
- [A] EP 0403332 A1 19901219 - UGINE SAVOIE SA [FR]

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EP1130127A1; FR2805829A1; WO9722726A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0685567 A1 19951206; **EP 0685567 B1 20000517**; AT E193064 T1 20000615; CA 2150445 A1 19951201; CA 2150445 C 20010410; CZ 129095 A3 19951213; CZ 288539 B6 20010711; DE 69516937 D1 20000621; DE 69516937 T2 20010201; DK 0685567 T3 20001002; EG 20895 A 20000531; ES 2147824 T3 20001001; FI 111557 B 20030815; FI 952660 A0 19950531; FI 952660 A 19951201; FR 2720410 A1 19951201; FR 2720410 B1 19960628; GR 3034002 T3 20001130; IL 113508 A0 19950731; IL 113508 A 19990312; JP H07331391 A 19951219; KR 100316543 B1 20020219; KR 950032681 A 19951222; NO 310244 B1 20010611; NO 952106 D0 19950529; NO 952106 L 19951201; PL 179042 B1 20000731; PL 308694 A1 19951211; PT 685567 E 20001031; RO 116416 B1 20010130; RU 2132886 C1 19990710; RU 95108546 A 19970420; SI 9500179 A 19960229; SI 9500179 B 20011231; TW 364018 B 19990711; UA 39190 C2 20010615; US 5496515 A 19960305

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EP 95400951 A 19950427; AT 95400951 T 19950427; CA 2150445 A 19950529; CZ 129095 A 19950518; DE 69516937 T 19950427; DK 95400951 T 19950427; EG 38795 A 19950515; ES 95400951 T 19950427; FI 952660 A 19950531; FR 9406590 A 19940531; GR 20000401688 T 20000724; IL 11350895 A 19950426; JP 15676595 A 19950531; KR 19950010879 A 19950503; NO 952106 A 19950529; PL 30869495 A 19950519; PT 95400951 T 19950427; RO 9501051 A 19950529; RU 95108546 A 19950530; SI 9500179 A 19950531; TW 84103470 A 19950411; UA 95058457 A 19950529; US 42048495 A 19950412