

Title (en)
PROCESS FOR PICKLING STAINLESS STEEL

Publication
EP 0471662 A3 19920520 (DE)

Application
EP 91890156 A 19910717

Priority
AT 157990 A 19900727

Abstract (en)
[origin: US5130000A] Process for pickling high-grade steel, preferably high-grade steel hot strip, the high-grade steel being subjected to pickling with neutral electrolyte as well as to an after-treatment with mixed acid, nitric acid or a mixture of iron fluoride and hydrofluoric acid, the pickling with neutral electrolyte being preceded by a pre-treatment with sulfuric acid.

IPC 1-7
C25F 1/06

IPC 8 full level
C23G 1/08 (2006.01); **C23F 1/00** (2006.01); **C23F 1/28** (2006.01); **C25F 1/06** (2006.01)

CPC (source: EP KR US)
C25F 1/06 (2013.01 - EP KR US)

Citation (search report)
• [A] EP 0113500 A2 19840718 - ALLEGHENY LUDLUM STEEL [US]
• [A] EP 0367112 A1 19900509 - HITACHI LTD [JP]

Cited by
AT402737B

Designated contracting state (EPC)
AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0471662 A2 19920219; EP 0471662 A3 19920520; EP 0471662 B1 19950913; AT 395601 B 19930225; AT A157990 A 19920615; AT E127866 T1 19950915; DE 59106467 D1 19951019; ES 2079634 T3 19960116; JP 2721053 B2 19980304; JP H04232299 A 19920820; KR 100218840 B1 19990901; KR 920002826 A 19920228; RU 2085616 C1 19970727; UA 25894 A1 19990226; US 5130000 A 19920714; ZA 915877 B 19920429

DOCDB simple family (application)
EP 91890156 A 19910717; AT 157990 A 19900727; AT 91890156 T 19910717; DE 59106467 T 19910717; ES 91890156 T 19910717; JP 18450891 A 19910724; KR 910012248 A 19910718; SU 5001185 A 19910726; UA 5001185 A 19910726; US 73281791 A 19910719; ZA 915877 A 19910726