

Title (en)
AUSTENITIC STEEL WITH RESISTANCE TO NEUTRON INDUCED SWELLING

Publication
EP 0078440 A3 19840208 (DE)

Application
EP 82109616 A 19821018

Priority
DE 3143380 A 19811102

Abstract (en)
[origin: EP0078440A2] 1. Austenitic steel having a content (in percent by weight) of chromium and nickel of in each case 14.5 to 15.5%, a carbon content of 0.08 to 0.12%, a titanium content of 0.33 to 0.55%, a manganese content of at most 2% and admixtures of silicon and molybdenum, residual iron and impurities, characterised in that the silicon content is 0.55 to 1.0% and the molybdenum content is 1.4 to 1.5%.

IPC 1-7
C22C 38/44; **C22C 38/50**

IPC 8 full level
C22C 38/00 (2006.01); **C22C 38/44** (2006.01); **C22C 38/50** (2006.01)

CPC (source: EP)
C22C 38/44 (2013.01)

Citation (search report)
• [X] FR 2483467 A1 19811204 - KERNFORSCHUNGSZ KARLSRUHE [DE]
• [Y] FR 2394618 A1 19790112 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• [Y] FR 2318237 A1 19770211 - US ENERGY [US]
• [Y] GB 993613 A 19650602 - SANDVIKENS JERNVERKS AB
• [Y] EP 0037446 A1 19811014 - WESTINGHOUSE ELECTRIC CORP [US]
• [A] GB 733510 A 19550713 - REINHARD STRAUMANN

Cited by
US10440342B2

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0078440 A2 19830511; **EP 0078440 A3 19840208**; **EP 0078440 B1 19860723**; AT E20908 T1 19860815; DE 3143380 A1 19830511;
DE 3143380 C2 19860430; JP S5884962 A 19830521

DOCDB simple family (application)
EP 82109616 A 19821018; AT 82109616 T 19821018; DE 3143380 A 19811102; JP 19234282 A 19821101