

Title (en)

PROCESS FOR DIMINISHING THE HEAT CONDUCTIBILITY OF AUSTENITIC-STEEL WORK PIECES

Publication

EP 0236805 A3 19881130 (DE)

Application

EP 87102277 A 19870218

Priority

DE 3608563 A 19860314

Abstract (en)

[origin: EP0236805A2] 1. Use of workpieces made of austenitic steel in cryogenics, it being necessary for the workpieces to have a reduced thermal conductivity and at the same time increased strength, provided, however, that the workpieces have been plastically deformed below their martensite transformation temperature.

IPC 1-7

C21D 7/10; **C21D 8/00**; **C21D 6/04**

IPC 8 full level

C21D 7/00 (2006.01); **C21D 6/04** (2006.01); **C21D 7/10** (2006.01); **C21D 8/00** (2006.01)

CPC (source: EP)

C21D 7/10 (2013.01); **C21D 8/005** (2013.01)

Citation (search report)

- [AD] DE 2654702 B2 19790816
- [AD] DE 1452533 A1 19690220 - ARDE PORTLAND INC
- [Y] METAL SCIENCE AND HEAT TREATMENT, Band 18, Nr. 5/6, Mai/Juni 1976, Seiten 423-427; V.B. SPIRIDONOV et al.: "Strengthening of Cr-Ni steels by low-temperature deformation"
- [Y] W. JÄNICHE et al.: "Werkstoffkunde Stahl", Band 1: Grundlagen, 1984, Seiten 410-411, Springer Verlag, Berlin, DE

Cited by

US4846900A; WO9610137A1

Designated contracting state (EPC)

AT CH FR GB LI NL

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EP 0236805 A2 19870916; **EP 0236805 A3 19881130**; **EP 0236805 B1 19900516**; AT E52810 T1 19900615; DE 3608563 A1 19870917; DE 3608563 C2 19910124; JP S62224631 A 19871002

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