

Title (en)

PROCESS FOR PRODUCING TENSION-CRACK CORROSION-RESISTANT NON MAGNETIZABLE DRILL COLLARS OF AUSTENITIC STEELS,  
AND APPARATUS FOR CARRYING OUT THIS PROCESS

Publication

**EP 0035091 B1 19850410 (DE)**

Application

**EP 80890152 A 19801219**

Priority

AT 40580 A 19800125

Abstract (en)

[origin: EP0035091A1] 1. A method of manufacturing stress-corrosion-resistant non-magnetizable drill-stems made of austenitic steels, characterized in that in the surface region of the drill-stems residual compressive stresses are produced by the effect of mechanically, electrically, or chemically released impact or compression energy.

IPC 1-7

**C21D 7/04**

IPC 8 full level

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

CPC (source: EP)

**C21D 7/04** (2013.01); **C21D 10/00** (2013.01)

Citation (examination)

- DE 1227491 B 19661027 - KRUPP AG HUETTENWERKE
- FR 800143 A 19360627 - STANDARD OIL DEV CO
- DE 324509 C 19200830 - DIAMOND BLOWER COMPANY LTD
- DE 1049197 C
- GB 1054979 A
- US 3610008 A 19711005 - FOEDISCH ALFRED K
- US 3648510 A 19720314 - GARDNER NEWELL JOHN
- AT 214466 B 19610410 - SCHOELLER BLECKMANN STAHLWERKE

Cited by

FR2524002A1; EP0356417A1; EP1191112A1; CN112795753A; US8316678B2; US6685429B2; US11426836B2; WO2019020238A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

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