

Title (en)

Method of attaining a reduction of the rupture and tensile strength of an ultra-high strength steel blank

Title (de)

Verfahren zur Herabsetzung der Bruchneigung sowie der Zugfestigkeit eines Bleches aus hochfestem Stahl

Title (fr)

Méthode de réduire la rupture et la résistance à la tension d'une tôle en acier à haute résistance mécanique

Publication

**EP 1157761 A1 20011128 (EN)**

Application

**EP 01117282 A 19980706**

Priority

- EP 98934043 A 19980706
- SE 9702635 A 19970704
- SE 9703445 A 19970924

Abstract (en)

The present invention refers to a method for attaining a reduction of the rupture and tensile limit of a blank or profile of an ultra-high strength material. According to the method the blank or profile is exposed to a heat treatment by heating to above 300 DEG C within selected portions of the sheet. <IMAGE>

IPC 1-7

**B21D 22/20**

IPC 8 full level

**F16C 13/00** (2006.01); **B21D 5/08** (2006.01); **B21D 5/12** (2006.01); **B21D 47/01** (2006.01); **B21D 51/10** (2006.01); **B21D 51/36** (2006.01)

CPC (source: EP)

**B21D 5/08** (2013.01); **B21D 5/083** (2013.01); **B21D 51/36** (2013.01)

Citation (search report)

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- [Y] GB 2035169 A 19800618 - BRITISH STEEL CORP
- [A] JP S59206118 A 19841121 - NIPPON KOKAN KK

Citation (third parties)

Third party :

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- BERGMANN H.W.; ELTZE K.: "Annealing by Laser Treatment", CONFERENCE LASER TREATMENT OF MATERIALS, 1986, pages 419, XP002968643

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JP2013544190A; WO201205923A1

Designated contracting state (EPC)

AT DE DK ES FI FR GB IT

DOCDB simple family (publication)

**WO 9901242 A1 19990114**; AT E249898 T1 20031015; DE 69818281 D1 20031023; DE 69818281 T2 20040722; EP 1011891 A1 20000628; EP 1011891 B1 20030917; EP 1157761 A1 20011128; JP 2001515790 A 20010925; JP 4173277 B2 20081029; SE 512543 C2 20000403; SE 9703445 D0 19970924; SE 9703445 L 19990105

DOCDB simple family (application)

**SE 9801329 W 19980706**; AT 98934043 T 19980706; DE 69818281 T 19980706; EP 01117282 A 19980706; EP 98934043 A 19980706; JP 2000500994 A 19980706; SE 9703445 A 19970924