

Title (en)

COLD-ROLLED FIXING SCREW COMPRISING A SELF-TAPPING THREAD

Title (de)

DURCH KALTWALZEN GEFORMTE BEFESTIGUNGSSCHRAUBE MIT SELBSTFURCHENDEM GEWINDE

Title (fr)

VIS DE FIXATION FORMEE PAR LAMINAGE A FROID COMPRENANT UN FILETAGE A RAINURAGE AUTOMATIQUE

Publication

EP 1694878 A1 20060830 (DE)

Application

EP 04791045 A 20041029

Priority

- EP 2004012286 W 20041029
- DE 10359679 A 20031218

Abstract (en)

[origin: DE10359679B3] Fixing screw formed by cold rolling consists of a material made from steel having a ferritic structure and further components having a higher carbon content compared with the carbon in the ferrite. The mixed structure has a carbon content of maximum 0.42 wt. % and a maximum grain size corresponding to at least 2000 grains/mm², preferably 3000 grains/mm², with inherent stresses maintained by the cold rolling.

IPC 8 full level

C22C 38/02 (2006.01); **C21D 9/00** (2006.01); **C22C 38/04** (2006.01); **C22C 38/12** (2006.01); **C22C 38/14** (2006.01); **F16B 25/00** (2006.01); **B21H 3/02** (2006.01); **C21D 7/10** (2006.01)

CPC (source: EP KR US)

C21D 9/00 (2013.01 - KR); **C22C 38/02** (2013.01 - EP KR US); **C22C 38/04** (2013.01 - EP US); **C22C 38/12** (2013.01 - EP US); **C22C 38/14** (2013.01 - EP US); **C22C 38/18** (2013.01 - EP US); **F16B 25/00** (2013.01 - KR); **F16B 25/0015** (2013.01 - EP US); **F16B 25/0047** (2013.01 - EP US); **B21H 3/027** (2013.01 - EP US); **C21D 7/10** (2013.01 - EP US); **C21D 2211/002** (2013.01 - EP US); **C21D 2211/003** (2013.01 - EP US); **C21D 2211/005** (2013.01 - EP US); **C21D 2211/008** (2013.01 - EP US); **C21D 2211/009** (2013.01 - EP US)

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DOCDB simple family (publication)

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