

Title (en)

Austenitic stainless steel for cold deformation which may be followed by machining

Title (de)

Rostfreier austenitischer Stahl, der von Kaltverformung gefolgt werden kann

Title (fr)

Acier inoxydable austénique pour déformation à froid pouvant être suivi d'un usinage

Publication

EP 1281785 A2 20030205 (FR)

Application

EP 02291881 A 20020725

Priority

FR 0110070 A 20010727

Abstract (en)

[origin: US2003021716A1] Austenitic stainless steel for cold working suitable for later machining, characterized by the following composition by weight: carbon<0.030% 0.3%<silicon<1% 5%<manganese<9% 4.55%<nickel<7% molybdenum<0.8% 2%<copper<4% 0.02%<nitrogen<0.060% sulfur<0.01% phosphorus<0.030%

Abstract (fr)

Acier inoxydable austénique pour déformation à froid pouvant être suivi d'un usinage, caractérisé en la composition pondérale suivante : carbone < 0,030%, 0,3% < silicium < 1%, 5% < manganèse < 9%, 4,55% < Nickel < 7%, molybdène < 0,8%, 2% < cuivre < 4%, 0,02% < azote < 0,060%, soufre < 0,01%, phosphore < 0,030%

IPC 1-7

C22C 38/58; **C22C 38/42**; **C22C 38/44**

IPC 8 full level

C22C 38/18 (2006.01); **C22C 38/00** (2006.01); **C22C 38/42** (2006.01); **C22C 38/44** (2006.01); **C22C 38/58** (2006.01); **C21D 7/10** (2006.01)

CPC (source: EP KR US)

C22C 38/001 (2013.01 - EP US); **C22C 38/18** (2013.01 - KR); **C22C 38/42** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/58** (2013.01 - EP US); **C21D 7/10** (2013.01 - EP US); **C21D 2261/00** (2013.01 - EP US)

Cited by

CN109136757A; EP2813906A1; RU2647756C2; US11079722B2; WO2014198466A3

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DOCDB simple family (application)

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