

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 austénitique 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)  
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Cited by  
CN109136757A; EP2813906A1; RU2647756C2; US11079722B2; WO2014198466A3

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