

Title (en)
Manufacturing process of a bainitic steel article

Title (de)
Verfahren zur Herstellung von einem Teil aus bainitischem Stahl

Title (fr)
Procédé de fabrication d'une pièce en acier bainitique

Publication
EP 1426452 B1 20090902 (FR)

Application
EP 03292950 A 20031127

Priority
FR 0215226 A 20021203

Abstract (en)
[origin: EP1426452A1] Fabrication of a steel component consists of: (a) production and casting of a steel with a given composition; (b) effecting at least one hot deformation of the cast steel to produce a component blank at a temperature of 1100 to 1300 degrees C; (c) effecting a controlled cooling of the blank in still or pulsed air; (d) effecting a precipitation tempering, preceding or following the machining of the component from the blank. An Independent claim is also included for a steel component obtained by this method.

IPC 8 full level
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CPC (source: EP US)
C21D 1/02 (2013.01 - EP US); **C21D 8/005** (2013.01 - EP US); **C22C 38/06** (2013.01 - EP US); **C22C 38/42** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/46** (2013.01 - EP US); **C22C 38/58** (2013.01 - EP US); **C21D 1/18** (2013.01 - EP US); **C21D 2211/002** (2013.01 - EP US); **C21D 2211/004** (2013.01 - EP US)

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