

Title (en)

Method of making workpieces, with excellent mechanical properties, from non-treated steel.

Title (de)

Verfahren zum Herstellen von Werkstücken mit hervorragenden mechanischen Eigenschaften aus nichtbehandeltem Stahl.

Title (fr)

Procédé de fabrication de pièces à hautes caractéristiques mécaniques à partir d'acier non traité.

Publication

EP 0407275 B1 19941214 (FR)

Application

EP 90401879 A 19900629

Priority

FR 8909189 A 19890707

Abstract (en)

[origin: EP0407275A1] Process for the manufacture of components from untreated steel, comprising a succession of thermal treatment and forming operations, characterised by the following successive operations: - heating the steel to a temperature above the transformation (austenitisation) point, - isothermal quenching in a fluidised bed bath immediately following the austenitisation heating, endowing the steel with a bainitic structure, and - forming of the components at mild heat. t

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C21D 8/00

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

US 3240634 A 19660315 - NACHTMAN ELLIOT S

Cited by

EP2585621A4; EP2641990B1

Designated contracting state (EPC)

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