

Title (en)

Method for manufacturing a body featuring very high mechanical properties, forming by cold drawing from a rolled steel sheet, in particular hot rolled and coated sheet

Title (de)

Verfahren zum Herstellen eines Bauteils mit sehr guten mechanischen Eigenschaften, Umformung durch kaltes Tiefziehen aus gewalztem, insbesondere warmgewalztem und beschichtetem Stahlblech

Title (fr)

Procédé de réalisation d'une pièce à très hautes caractéristiques mécaniques, mise en forme par emboutissage à froid, à partir d'une bande de tôle d'acier laminée et notamment laminée à chaud et revêtue

Publication

EP 1672088 B2 20150128 (FR)

Application

EP 06002618 A 20010404

Priority

- EP 01400861 A 20010404
- FR 0004427 A 20000407

Abstract (en)

[origin: EP1143029A1] A method for the production of a component with very high mechanical characteristics, by pressing a hot rolled steel strip coated with a protective metal or alloy, consists of cutting the strip to form a blank, pressing the blank to form the component, the production, before or after pressing, of an allied intermetallic compound at the surface acting as a lubricant and removing the surplus strip needed by the pressing operation. An Independent claim is included for the utilisation of a hot rolled steel strip coated with a protective metal or alloy in pressing operations.

IPC 8 full level

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CPC (source: EP US)

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Citation (opposition)

Opponent :

- DE 1252034 B
- BLÜMEL, KLAUS: "Hilfe beim Ziehen - Bleche mit verzinkter Oberfläche lassen sich gut umformen", MASCHINENMARKT, vol. 43, 25 October 1988 (1988-10-25), pages 27 - 34

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