

Title (en)

Method to produce a hot formed part, and part thus formed

Title (de)

Verfahren zur Herstellung eines warm geformten Teils und so geformtes Teil

Title (fr)

Procédé pour produire une pièce formée à chaud et pièce ainsi formée

Publication

**EP 2754723 A3 20160831 (EN)**

Application

**EP 14163594 A 20120117**

Priority

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- EP 12700452 A 20120117
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Abstract (en)

[origin: WO2012097976A1] The invention relates to a. method for manufacturing a coated steel part having very high mechanical properties using hot forming techniques. According to the invention, the method comprises the following steps: ° providing a coated steel blank comprising a steel substrate with a coating layer ° heating the blank to a temperature of 800° C or more in a furnace ° transporting the heated blank from the furnace and placing the blank in a hot forming press ° hot forming the blank in the press to form the coated steel part ° quenching the coated steel part wherein the heated blank has a temperature of at most 780° C when placed in the hot forming press. The invention also relates to a hot formed part manufactured using the method according to the invention.

IPC 8 full level

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Citation (search report)

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DOCDB simple family (application)

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