

Title (en)
PROCESS FOR PRODUCING AN AT LEAST PARTLY QUENCHED AND TEMPERED SHEET STEEL COMPONENT AND AT LEAST PARTLY QUENCHED AND TEMPERED SHEET STEEL COMPONENT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES ZUMINDEST TEILWEISE VERGÜTETEN STAHLBLECHBAUTEILS UND ZUMINDEST TEILWEISE VERGÜTETES STAHLBLECHBAUTEIL

Title (fr)
PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT EN TÔLE D'ACIER AU MOINS PARTIELLEMENT TREMPÉE ET REVENUE ET ÉLÉMENT AINSI FABRIQUÉ

Publication
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Application
EP 20776138 A 20200922

Priority
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• EP 2020076399 W 20200922

Abstract (en)
[origin: WO2021063747A1] The invention relates to a process for producing an at least partly quenched and tempered sheet steel component, wherein the process comprises the following steps: providing a sheet steel, at least partly austenitizing the sheet steel at a temperature of at least Ac1, at least partly hardening the at least partly austenitized sheet steel to give an at least partly hardened sheet steel component, wherein the at least partly austenitized sheet steel is cooled down to a temperature below Ms, at least partly annealing the at least partly hardened sheet steel component at a temperature of less than Ac1 for production of an at least partly quenched and tempered sheet steel component. The invention further provides an at least partly quenched and tempered sheet steel component.

IPC 8 full level
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CPC (source: CN EP US)
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