

Title (en)
NON-SCALING HEAT-TREATABLE STEEL AND METHOD FOR PRODUCING A NON-SCALING COMPONENT FROM SAID STEEL

Title (de)
ZUNDERARMER VERGÜTUNGSSTAHL UND VERFAHREN ZUR HERSTELLUNG EINES ZUNDERARMEN BAUTEILS AUS DIESEM STAHL

Title (fr)
ACIER DE TRAITEMENT THERMIQUE PRÉSENTANT PEU DE CALAMINE, ET PROCÉDÉ PERMETTANT DE FABRIQUER À PARTIR DE CET ACIER UNE PIÈCE PRÉSENTANT PEU DE CALAMINE

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Abstract (en)
[origin: WO2013139327A1] The invention relates to a non-scaling heat-treatable steel with particular suitability for producing hardened or die-hardened components, characterised by the following chemical composition in % by weight: C 0.04-0.50; Mn 0.5-6.0; Al 0.5-3.0; Si 0.05-3.0; Cr 0.05-3.0; Ni less than 3.0; Cu less than 3.0; Ti 0.010-≤0.050; B 0.0015-≤0.0040; P less than 0.10; S less than 0.05; N less than 0.020; remainder iron and unavoidable impurities. The invention further relates to a method for producing a non-scaling hardened component from the steel and a method for producing a hot strip from a steel.

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Cited by
CN112267069A; DE102019100140A1; WO2020141147A1; US11795535B2

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