

Title (en)

SAFETY STEEL OR WEAR-RESISTANT STEEL, AND USE

Title (de)

SICHERHEITSSTAHL ODER VERSCHLEIßSTAHL UND VERWENDUNG

Title (fr)

ACIER DE SÉCURITÉ OU ACIER RÉSISTANT À L'USURE ET UTILISATION CORRESPONDANTE

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Application

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Abstract (en)

[origin: WO2018210575A1] The invention relates to a safety steel or wear-resistant steel (1) composed of a multi-layer steel material composite, comprising a first layer (1.1) composed of a steel which in the hardened or annealed state has a hardness of > 350 HBW, and at least one second layer (1.2) which is cohesively connected to the first layer (1.1) and which is composed of a softer steel in relation to the first layer (1.1), wherein the second layer (1.2) has a lower hardness, by at least 20%, than the first layer (1.1) in the hardened or annealed state. The invention also relates to a corresponding use of the safety steel or wear-resistant steel (1).

IPC 8 full level

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