

Title (en)

HOT-WORKING MATERIAL, COMPONENT AND USE

Title (de)

WARMUMFORMMATERIAL, BAUTEIL UND VERWENDUNG

Title (fr)

MATÉRIAU DE FORMAGE À CHAUD, PIÈCE ET UTILISATION CORRESPONDANTE

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Application

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Abstract (en)

[origin: WO2018210779A1] The invention relates to a hot-working material (1) made of a five-layer material composite comprising a core layer (1.1) made of a hardening steel with a carbon portion C of at least 0.2 wt.%, two intermediate layers (1.2) integrally connected to the core layer (1.1) made of a steel with a chromium content Cr of at least 2 wt.%, which have a body-centred or face-centred cubic grid structure, as well as a respective cover layer (1.3) integrally connected to the intermediate layer (1.2) on the outer sides of the intermediate layers (1.2) and made of a steel with a carbon portion C of max. 0.25 wt.%. The invention also relates to a component and a corresponding use.

IPC 8 full level

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