

Title (en)
COMPONENTS OF A STEELWORKS, SUCH AS A CONTINUOUS CASTING INSTALLATION OR A ROLLING MILL, METHOD FOR PRODUCING SUCH A COMPONENT AND INSTALLATION FOR CREATING OR PROCESSING SEMIFINISHED METALLIC PRODUCTS

Title (de)
BAUTEIL EINES STAHLWERKS, WIE STRANGGUSSANLAGE ODER WALZWERK, VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN BAUTEILS SOWIE ANLAGE ZUR ERZEUGUNG ODER VERARBEITUNG VON METALLISCHEN HALBZEUGEN

Title (fr)
COMPOSANT D'ACIERIE, PAR EXEMPLE INSTALLATION DE COULEE CONTINUE OU LAMINOIR, PROCEDE POUR LA FABRICATION DE CE COMPOSANT ET INSTALLATION POUR LA PRODUCTION OU LE TRAITEMENT DE PRODUITS METALLIQUES SEMI-FINIS

Publication
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Application
EP 06807760 A 20061107

Priority
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Abstract (en)
[origin: WO2007071493A1] In order to increase the endurance and lifetime of highly loaded components (6, 8, 12, 14, 24, 26, 34) of a steelworks, an electrolytically applied coating (38) is provided, comprising a ductile metallic base material (39), in particular nickel or a nickel alloy, with hard material particles (40), in particular boron carbide particles, incorporated in it. This measure achieves high resistance to corrosion, good thermal conductivity and at the same time high mechanical loadability.

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
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