

Title (en)
STEEL AND METHOD FOR PRODUCING AN INTERMEDIATE PRODUCT

Title (de)
STAHL UND VERFAHREN ZUR HERSTELLUNG EINES ZWISCHENPRODUKTES

Title (fr)
ACIER ET PROCEDE DE PRODUCTION D'UN PRODUIT INTERMEDIAIRE

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Application
EP 02719725 A 20020125

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Abstract (en)
[origin: WO02059389A2] The invention relates to a steel for tools which are especially exposed to corrosion. Said steel has the following composition (in mass per cent): C: at least 0.02 and at most 0.12 %, Si: at most 1.5 %, Mn: more than 1.0 2.5 %, P: at most 0.035 %, S: at least 0.04 % and less than 0.15 %, Cr: more than 8.0 % and less than 12 %, Mo: more than 0.0 % and at most 0.2 %, V: more than 0.0 % and at most 0.25 %, Nb: more than 0.1 % and at most 0.5 %, N: at least 0.02 and at most 0.12 %, Ni: at most 0.5 %, B: at most 0.005 %, Cu: at most 0.3 %, Al at most 0.035 %, Sn: at most 0.035 %, As: at most 0.02 %, and at least one of the elements Ca, Mg or Ce, the total of the contents of said elements amounting to at least 0.0002 % and at most 0.015 %, the rest consisting of iron and unavoidable impurities. Diag.1. A. wear of cutting edges in mm B. drilling course in mm C. steel

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