

Title (en)

Steel having excellent properties of workability by machine tools and, after a hardening thermal treatment, excellent mechanical properties and process for the production thereof

Title (de)

Stahl mit ausgezeichneten Eigenschaften, Verformbarkeit mit Werkzeugmaschinen, nach Härtungswärmebehandlung, ausgezeichneten mechanischen Eigenschaften und Verfahren zu seiner Herstellung

Title (fr)

Acier possédant d'excellentes propriétés au formage par machine-outils, après un traitement thermique de durcissement, propriétés mécaniques excellentes et procédé de fabrication

Publication

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Application

EP 02010286 A 20020521

Priority

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Abstract (en)

A steel having excellent workability properties by machine-tools and, after a hardening thermal treatment, excellent mechanical properties and almost non existent size variations and internal tensions, comprising an amount lower than 0.25% by weight of carbon; 2,5 to 4,5% by weight of nickel; 2,5 to 4,55 by weight of molybdenum; an amount lower than 0.25% by weight of vanadium and amounts comprised between 0 and 1,1% by weight of at least one of the elements selected from manganese, silicon and chromium; the remaining up to 100 being iron, impurities excluded.
<IMAGE>

IPC 1-7

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IPC 8 full level

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