

Title (en)

Steel blade for agriculture and forestry and a process for making this blade

Title (de)

Klinge für land- und forstwirtschaftliche Zwecke aus Stahl, sowie Verfahren zu ihrer Herstellung

Title (fr)

Lame en acier pour le secteur agricole et forestier et un procédé de fabrication de cette lame

Publication

EP 0864659 B1 20020515 (DE)

Application

EP 98102174 A 19980209

Priority

AT 42997 A 19970312

Abstract (en)

[origin: EP0864659A1] A cutter, for agricultural and forestry use, consists of a quench hardened steel which is microalloyed with boron and which has a carbon content of 0.35-0.50 %. Preferably, the steel contains 0.3-0.5 % Cr and 0.0015-0.008 % B and has a hardness of ≥ 48 HRC. Also claimed is production of the above cutter by subjecting a cutter of boron microalloyed steel of 0.35-0.50 % C content to quench hardening to ≥ 48 HRC hardness and surface hardening, preferably by carbonitriding, to 65-70 HRC surface hardness.

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IPC 8 full level

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