

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  $\geq 48$  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  $\geq 48$  HRC hardness and surface hardening, preferably by carbonitriding, to 65-70 HRC surface hardness.

IPC 1-7

**C21D 9/18**; **C22C 38/00**

IPC 8 full level

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CPC (source: EP)

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**EP 0864659 A1 19980916**; **EP 0864659 B1 20020515**; AT 404363 B 19981125; AT A42997 A 19980315; DE 59804112 D1 20020620

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