

Title (en)
SCREWDRIVER, SCREWDRIVER BIT OR SIMILAR DEVICE

Title (de)
SCHRAUBENDREHER, SCHRAUBENDREHEREINSATZ ODER DERGLEICHEN

Title (fr)
TOURNEVIS, EMBOUT TOURNEVIS OU ANALOGUE

Publication
EP 0820530 A1 19980128 (DE)

Application
EP 96909106 A 19960321

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• DE 19513366 A 19950408
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Abstract (en)
[origin: DE19513366A1] The invention concerns a screwdriver, screwdriver bit or similar device with a tip having radially disposed shaped-section engagement surfaces produced preferably by machining or forming, the surface layer forming the working surface being harder than the core of the tip. So that the tool suffers less wear, there is an intermediate layer between the hard surface layer and the core. In this intermediate layer, the hardness decreases with depth from the surface to the core. The intermediate layer is between 0.05 and 0.2 mm thick and the hardness gradient is 1500 to 3000 HV/mm.

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C21D 9/00; C21D 1/06; B25B 15/00

IPC 8 full level
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B25B 15/001 (2013.01 - EP US); **C21D 6/001** (2013.01 - EP US); **C21D 9/0068** (2013.01 - EP US); **C23C 8/38** (2013.01 - EP US); **C21D 2221/10** (2013.01 - EP US); **Y10S 81/90** (2013.01 - EP US)

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Cited by
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