

Title (en)
MULTI-PURPOSE TOOL WITH EXCHANGEABLE TOOL ELEMENT

Publication
EP 0077769 B1 19850619 (DE)

Application
EP 82890148 A 19821015

Priority
AT 445981 A 19811019

Abstract (en)
[origin: EP0077769A1] The apparatus comprises a handle (1) provided with a tool forming head (2), the sleeve-shaped central portion (3) of this head receives at each end a removable tool (14, 15). Both tools (14, 15) have each inside the sleeve parts (11, 13) which join directly together. Preferably, there is provided, between the joined tools (14, 15) and the sleeve, a rotary safety element.

IPC 1-7
B25F 1/02; A63B 29/08

IPC 8 full level
B25F 1/02 (2006.01)

CPC (source: EP)
B25F 1/02 (2013.01)

Cited by
EP0318401A1; FR2546100A1; FR2623721A1; FR2627989A2

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EP 0077769 A1 19830427; **EP 0077769 B1 19850619**; AT 377917 B 19850528; AT A445981 A 19841015; DE 3264301 D1 19850725; EP 0091446 A1 19831019; WO 8301405 A1 19830428

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