

Title (en)
Pliers with ergonomic grips

Title (de)
Zange mit ergonomischen Griffen

Title (fr)
Pince à poignées ergonomiques

Publication
EP 0958893 B1 20020731 (FR)

Application
EP 99401102 A 19990505

Priority
FR 9806192 A 19980515

Abstract (en)
[origin: EP0958893A1] The pliers have jaws, a pivot and lever handles (3A) covered with a plastic or elastomer material. The proximal end of each handle has an asymmetrical cross-section with a curved bulge (23) projecting upwards and to one side to fit the user's palm. This section of the handle is also bean-shaped, with a slightly concave under-surface, and its curved outer surface (LG3) is extended towards the distal end of the handle by a second curve (LG2) with its convexity on the opposite side.

IPC 1-7
B25B 7/00; **B25G 1/10**

IPC 8 full level
B25B 7/00 (2006.01); **B25G 1/10** (2006.01)

CPC (source: EP US)
B25B 7/00 (2013.01 - EP US); **B25G 1/102** (2013.01 - EP US)

Cited by
EP1908560A3; US8276429B2

Designated contracting state (EPC)
BE DE ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0958893 A1 19991124; **EP 0958893 B1 20020731**; DE 69902314 D1 20020905; DE 69902314 T2 20030320; ES 2181373 T3 20030216; FR 2778592 A1 19991119; FR 2778592 B1 20000804; US 6134994 A 20001024

DOCDB simple family (application)
EP 99401102 A 19990505; DE 69902314 T 19990505; ES 99401102 T 19990505; FR 9806192 A 19980515; US 31056999 A 19990512