

Title (en)
EASY-TO-MANEUVER KEY-RING

Title (de)
SCHLÜSSELRING MIT VEREINFACHTER HANDHABUNG

Title (fr)
PORTE-CLE A MANOEUVRE SIMPLIFIEE

Publication
EP 1517623 A1 20050330 (FR)

Application
EP 03730388 A 20030526

Priority
• FR 0207468 A 20020618
• IB 0302004 W 20030526

Abstract (en)
[origin: US2004118174A1] A key ring comprising a preferably circular ring having a complete first turn 1 and a part of or preferably a complete second turn 2 joined to and resiliently pulled towards the first turn, which is separated from the second turn by a gap extending between the two turns and between the two free ends 3, 5 thereof, the head of a key being passed through the gap so as to fix it to or remove it from the key ring, wherein a lug 9 is provided in the form of a claw having a leading edge 10 sufficiently thin to be inserted into the gap and sufficiently wide, by rotating the lug, to move the two turns apart sufficiently to insert a key head between them, and fixating means for fixating the lug at a distance from the ring sufficient to allow the insertion of the lug into the gap.

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IPC 8 full level
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CPC (source: EP US)
A44B 15/005 (2013.01 - EP US); **A44B 15/007** (2013.01 - EP); **Y10T 70/8676** (2015.04 - EP US); **Y10T 70/8784** (2015.04 - EP US)

Citation (search report)
See references of WO 03105620A1

Cited by
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US 2004118174 A1 20040624; **US 6860130 B2 20050301**; AT E407585 T1 20080915; AU 2003241068 A1 20031231; BR 0305088 A 20040921; CA 2488726 A1 20031224; CN 1309327 C 20070411; CN 1568152 A 20050119; DE 60323491 D1 20081023; EP 1517623 A1 20050330; EP 1517623 B1 20080910; FR 2840779 A1 20031219; FR 2840779 B1 20040917; JP 2005529660 A 20051006; WO 03105620 A1 20031224

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