

Title (en)
Improved key ring

Title (de)
Verbesserter Schlüsselanhänger

Title (fr)
Porte-clés amélioré

Publication
EP 1769694 A3 20101110 (EN)

Application
EP 06380254 A 20060925

Priority
ES 200502378 A 20050930

Abstract (en)
[origin: EP1769694A2] Improved Key Ring: consists of a casing (1) that contains a number of keys (2) that are made available by the action of pressing one of a number of buttons (3), each button (3) is associated with a particular key (2); the mechanism, that allows the release or extraction of each key (2), by means of the pressing an assigned button (3), comprises of an automatic system of folding the key (3), or piston arm (4), and a mechanical system of fixing and releasing the key (3) or track (16).

IPC 8 full level
A44B 15/00 (2006.01); **A45C 11/32** (2006.01); **E05B 19/04** (2006.01)

CPC (source: EP ES US)
A44B 15/00 (2013.01 - ES); **A45C 11/324** (2013.01 - EP ES US); **A47G 29/10** (2013.01 - ES); **E05B 19/043** (2013.01 - EP US);
Y10T 70/8676 (2015.04 - EP US)

Citation (search report)

- [XA] US 2005204789 A1 20050922 - BRION CAMEAN CARLOS [ES], et al
- [X] US 5117666 A 19920602 - KEEFER ROBERT E [US]
- [A] US 5943889 A 19990831 - CHIU KUANG-YEN [TW]
- [A] US 5495942 A 19960305 - IZHAK ALLAN [US]
- [A] US 2790319 A 19570430 - MAX BRUNNER

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1769694 A2 20070404; **EP 1769694 A3 20101110**; AU 2006222698 A1 20070419; CA 2560797 A1 20070330; ES 2285913 A1 20071116;
ES 2285913 B1 20080816; US 2007074551 A1 20070405

DOCDB simple family (application)
EP 06380254 A 20060925; AU 2006222698 A 20060926; CA 2560797 A 20060926; ES 200502378 A 20050930; US 53571606 A 20060927