

Title (en)  
Ratchet device

Title (de)  
Ratschenvorrichtung

Title (fr)  
Dispositif d'encliquetage

Publication  
**EP 2727496 A1 20140507 (EN)**

Application  
**EP 13190438 A 20131028**

Priority  
IT MI20120390 U 20121031

Abstract (en)  
A ratchet device (D) comprising an element (1) with two wings (2,3) pivoted to each other at a central portion (4) of said element (1), and a coupling mechanism (5) for the movable coupling of said wings (2,3) at said central portion (4), and the movement of said wings (2,3) between two limit positions (A,B); said mechanism (5) comprises plate means (8,8',14,14',22,22') adapted to clamp to each other said wings (2,3), and provided with a single semicircular sector (S) and with toothed lock means (8) in two-way acting on said semicircular sector (S).

IPC 8 full level  
**A47C 7/38** (2006.01); **A47C 1/026** (2006.01); **A47C 7/40** (2006.01); **A47C 7/50** (2006.01)

CPC (source: EP US)  
**A47C 1/026** (2013.01 - EP); **A47C 7/38** (2013.01 - EP); **A47C 7/402** (2013.01 - EP); **A47C 7/5066** (2018.07 - EP US)

Citation (search report)

- [X] US 2010293748 A1 20101125 - YAMASHITA TADANOBU [JP]
- [X] US 4875735 A 19891024 - MOYER GEORGE A [US], et al
- [X] US 2009288270 A1 20091126 - YAMASHITA TADANOBU [JP]
- [X] EP 2198749 A1 20100623 - LUSCH GMBH & CO KG FERD [DE]

Cited by  
CN111491860A; CN111938357A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2727496 A1 20140507**; IT MI20120390 U1 20140501

DOCDB simple family (application)  
**EP 13190438 A 20131028**; IT MI20120390 U 20121031