

Title (en)

CARRIAGE FOR CUTTING A SHEET OF GYPSUM BOARD, CUTTING KIT AND METHOD FOR IMPLEMENTING SAME

Title (de)

SCHLITTEN ZUM SCHNEIDEN EINER GIPSPLATTE, SCHNEIDSATZ UND VERFAHREN ZUR ANWENDUNG

Title (fr)

CHARIOT DE DECOUPE D'UN PANNEAU DE CARTON-PLÂTRE, KIT DE DECOUPE ET PROCEDE DE MISE EN OEUVRE.

Publication

EP 2560799 A1 20130227 (FR)

Application

EP 11720878 A 20110418

Priority

- FR 1001701 A 20100421
- IB 2011051674 W 20110418

Abstract (en)

[origin: WO2012020330A1] The invention proposes a solution for cutting a sheet of gypsum board quickly and allowing a flat cut edge to be obtained. The invention relates to a carriage comprising a chassis (101) fitted with: - means (102) for collaborating in a sliding manner with a cutting guide (200); - a handle (110) that can rotate with respect of the chassis (101) and comprises a means (111) for grasping, a retractable engagement claw (113) and a housing (112) to hold a blade (300); - a section piece (120) provided with at least three notches (A, B, C) in which to lock the rotation of the handle through reversible engagement of the claw, the notches being arranged such that: ° the first notch (A) allows the blade to be retracted so that it is not in contact with the sheet; ° the second notch (B) allows the blade to be arranged at an angle α to the sheet of gypsum board, in firm enough contact with the sheet to score it in order to form a cutting edge; ° the third notch (C) allows the blade to be arranged at an angle β to the sheet of gypsum board in firm enough contact with the sheet to trim the cutting edge.

IPC 8 full level

B28D 1/22 (2006.01); **B26B 5/00** (2006.01); **B26D 3/08** (2006.01)

CPC (source: EP US)

B26D 3/085 (2013.01 - US); **B28D 1/228** (2013.01 - EP US); **Y10T 83/68** (2015.04 - EP US); **Y10T 225/12** (2015.04 - EP US)

Citation (search report)

See references of WO 2012020330A1

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)

FR 2959155 A1 20111028; **FR 2959155 B1 20120720**; EP 2560799 A1 20130227; US 2013126574 A1 20130523; US 9067339 B2 20150630; WO 2012020330 A1 20120216

DOCDB simple family (application)

FR 1001701 A 20100421; EP 11720878 A 20110418; IB 2011051674 W 20110418; US 201113642378 A 20110418