

Title (en)
Piece of furniture with opening/closing device

Title (de)
Möbelstück mit Öffnungs-/Schließvorrichtung

Title (fr)
Meublé doté d'un dispositif d'ouverture/fermeture

Publication
EP 2039861 A3 20090909 (EN)

Application
EP 08164467 A 20080916

Priority
IT TV20070156 A 20070918

Abstract (en)
[origin: EP2039861A2] A Piece of furniture with a frame on which one or more doors are guided such that through sliding they can uncover the port of the relative compartment. A cable is drawn between two fixed points placed one at the top and one at the bottom in respect of the compartment, and there are at least two constraints, integral with the door while the cable is integral with the frame or vice versa, which are arranged so as to engage the cable on two opposite sides thereof so that from the mutual interaction between the cable and the constraints a vincular reaction arises that balances the momentum generated by the weight of the door. The door can easily be displaced over another door.

IPC 8 full level
E05D 13/00 (2006.01); **E05D 15/06** (2006.01); **E05D 15/10** (2006.01)

CPC (source: EP)
E05D 13/10 (2013.01); **E05D 15/063** (2013.01); **E05D 15/1005** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)
• [XA] US 4729612 A 19880308 - STONE ALLEN F [US]
• [A] DE 2922780 A1 19801211 - WERNER BRUNO

Cited by
EP3478912A4; WO2018004450A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2039861 A2 20090325; EP 2039861 A3 20090909; IT TV20070156 A1 20090319

DOCDB simple family (application)
EP 08164467 A 20080916; IT TV20070156 A 20070918