

Title (en)
DRAWER

Title (de)
SCHUBLADE

Title (fr)
TIROIR

Publication
EP 3187071 A1 20170705 (EN)

Application
EP 16206938 A 20161227

Priority
IT UB20159811 A 20151230

Abstract (en)
Drawer (10), comprising a mobile front panel (13) and a fixed support structure (53), inside which at least one extractable shelf (14) is housed, provided with a support plane (P) and connected by means of a roto-translation unit (15) to the front panel (13); the roto-translation unit (15) is configured to allow at least a rotatory motion of the front panel (13) that determines at least a motion of extraction or insertion of the extractable shelf (14) into or from the support structure (53) in a determinate direction (D) of translation; the extractable shelf (14) is configured to slide along guides (28) positioned in the support structure (53) in the direction (D) of translation and the front panel (13) is positioned, at least at the end of the rotatory motion in a direction of extraction of the extractable shelf (14) from the support structure (53) in the direction (D) of translation, at a height equal to or less than the height at which the support plane (P) of the extractable shelf (14) is positioned, so as not to interfere with the support plane (P); the roto-translation unit (15) comprises at least one lever (49) hinged on one side to the front panel (13) and on the other side to at least one cam (36), associated to the extractable shelf (14) and configured to allow at least a first step of said rotatory motion of the front panel (13), during which the latter moves away from or nearer to the extractable shelf (14) substantially stationary in position, and at least a subsequent step of the rotatory motion of the front panel (13), during which the latter determines a movement of traction or thrust of the extractable shelf (14) with respect to the support structure (53).

IPC 8 full level
A47B 88/00 (2017.01)

CPC (source: CN EP)
A47B 88/00 (2013.01 - CN); **A47B 88/944** (2016.12 - EP)

Citation (search report)
• [A] US 2011210166 A1 20110901 - DINH TUAN QUOC [US]
• [A] US 4087140 A 19780502 - LINSTROMBERG WILLIAM JOHN

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)
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EP 3187071 A1 20170705; **EP 3187071 B1 20181024**; CN 106923532 A 20170707; CN 106923532 B 20200609; ES 2704171 T3 20190314; IT UB20159811 A1 20170630; PL 3187071 T3 20190430; PT 3187071 T 20181227; TR 201819370 T4 20190121

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EP 16206938 A 20161227; CN 201611259634 A 20161230; ES 16206938 T 20161227; IT UB20159811 A 20151230; PL 16206938 T 20161227; PT 16206938 T 20161227; TR 201819370 T 20171227