

Title (en)

Method for manufacturing the cabinet of a household appliance and such a cabinet

Title (de)

Verfahren zur Herstellung des Gehäuses eines Haushaltsgeräts und ein solches Gehäuse

Title (fr)

Procédé de fabrication d'armoire d'un appareil ménager et une telle armoire

Publication

EP 2975172 B1 20210908 (EN)

Application

EP 14177372 A 20140717

Priority

EP 14177372 A 20140717

Abstract (en)

[origin: EP2975172A1] The invention is related to a method of manufacturing a rear part (6) of a cabinet (10) of a household appliance provided with a back opening (56) and a back panel (90) for closing said back opening (56), the method comprising the following steps: a) providing a metal sheet (2) adapted to form said rear part (6); b) providing an opening (56) in said metal sheet (2) by removing an inner portion (52) of the latter; c) deforming said metal sheet (2) so as to form said rear part (6), in such a way that in the deformed condition of said metal sheet (2), said opening (56) defines said back opening (56); d) fixing a frame (94) made of plastic material along at least a part of the peripheral edge (82) of said removed inner portion (52) or another metal sheet with essentially the same dimensions, so as to form said back panel (90). The invention is also related to a cabinet (10) for a household appliance comprising a rear part (6) having a back opening (56) and a back panel (90) for closing said back opening (56), said back panel (90) comprising an inner portion (52) made of metal which at its peripheral edge (82) is at least partially encompassed by a frame (94) made of a plastic material.

IPC 8 full level

D06F 39/12 (2006.01)

CPC (source: EP US)

D06F 39/12 (2013.01 - EP US)

Cited by

CN110158284A; CN110306326A; WO2017220531A1; US10920054B2; EP3260594A1; US2020032040A1; EP3754092A4; US2021087741A1; JP2021512728A; US11965279B2

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

DOCDB simple family (publication)

EP 2975172 A1 20160120; EP 2975172 B1 20210908; PL 2975172 T3 20220124

DOCDB simple family (application)

EP 14177372 A 20140717; PL 14177372 T 20140717