

Title (en)

Household cooler with a self-closing hinge assembly

Title (de)

Haushaltskältegerät mit einer selbstschließenden Scharnieranordnung

Title (fr)

Appareil ménager réfrigérant avec un agencement de charnière à fermeture automatique

Publication

EP 2522940 A3 20180411 (DE)

Application

EP 12167214 A 20120509

Priority

DE 102011075712 A 20110512

Abstract (en)

[origin: EP2522940A2] The device i.e. household cooling device (1), has an inner container (2) arranged in a body (7) and forming a storage area (3) for cooling goods. Door leaves (4a, 4b) are pivotably attached to the body around a vertical axis (A) and supported by a self-locking hinge arrangement (8) to open and close the area. A cam mechanism has a slider supported in a door end strip whose front end is connected with the door leaf. The mechanism has a hinge pin connected with the body. The pin has a radial contact surface, where a projection of the slider runs along the surface for generating closing force. The door end strip is designed as a plastic injection molding part or as aluminum casting part.

IPC 8 full level

F25D 23/02 (2006.01); **E05D 11/06** (2006.01); **E05D 11/10** (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP)

E05D 11/06 (2013.01); **E05D 11/1064** (2013.01); **E05F 1/1253** (2013.01); **F25D 23/028** (2013.01); **E05Y 2900/31** (2013.01); **F25D 2323/024** (2013.01)

Citation (search report)

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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)

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