

Title (en)

DOMESTIC REFRIGERATOR HAVING A CLOSING CAM WHICH HAS A COUPLING PROJECTION WITH A RECESS

Title (de)

HAUSHALTSKÄLTEGERÄT MIT EINEM SCHLIESSNOCKEN, DER EINE KOPPELNASE MIT EINER MULDE AUFWEIST

Title (fr)

APPAREIL FRIGORIFIQUE À USAGE MÉNAGER AVEC CAME DE FERMETURE COMPRENANT UN NEZ DE COUPLAGE AVEC UN CREUX

Publication

EP 3172392 B1 20200527 (DE)

Application

EP 15741551 A 20150724

Priority

- DE 102014214635 A 20140725
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Abstract (en)

[origin: WO2016012577A1] The invention relates to a domestic refrigerator (1) having a housing and a door pivotably disposed on the housing by means of hinges (5a, 5b, 5c), wherein at least one hinge (5a, 5b, 5c) has a door closing fitting part (6, 7) on the door side comprising a closing clip (21), and a bearing element (24) having a closing cam (12) which is coupled to the locking clip (21) in the closed state of the door (2, 3) is formed on the housing, wherein the closing cam (12) has a coupling projection (26) having, on a coupling contour (27) which faces it in the state in which it is coupled to the locking clip (21), a recess (28) in which a projection end piece (22) formed on the locking clip (21) engages in the coupled state.

IPC 8 full level

E05D 7/081 (2006.01); **E05D 11/10** (2006.01); **F25D 23/02** (2006.01)

CPC (source: CN EP US)

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E05D 11/105 (2013.01 - CN EP US); **E05Y 2900/31** (2013.01 - CN EP US); **F25D 2323/024** (2013.01 - CN EP US)

Citation (examination)

- CN 102900293 A 20130130 - HEFEI HUALING CO LTD
- KR 20070116504 A 20071210 - SAMSUNG ELECTRONICS CO LTD [KR]
- KR 20040056345 A 20040630 - LG ELECTRONICS INC

Cited by

CN109594876A

Designated contracting state (EPC)

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