

Title (en)
REFRIGERATOR WITH DOOR SECURITY DEVICE

Title (de)
KÄLTEGERÄT MIT TÜRSICHERUNG

Title (fr)
APPAREIL FRIGORIFIQUE AVEC SECURITE DE PORTE

Publication
EP 1379818 A1 20040114 (DE)

Application
EP 02724272 A 20020404

Priority
• DE 10117782 A 20010409
• EP 0203752 W 20020404

Abstract (en)
[origin: WO02081989A1] The invention relates to a refrigerator comprising a housing (8) and at least one door (5) enclosing at least one heat insulated interior space. Said refrigerator also comprises a device for securing the door comprising two elements (9, 10). One element thereof (10) is supported by the door (5) and the other (9) by the housing (8). Said elements perform a relative movement when the door (5) is opened and closed. The first (9) of the two elements comprises a bolt part (21) which can be displaced transversally with respect to the relative movement counter to a restoring force. The second element (10) comprises a protruding part (18) which co-operates with the bolt part. Said bolt part (21) can be displaced by the protruding part (18) counter to the restoring force when the door begins to be opened.

IPC 1-7
F25D 23/02

IPC 8 full level
E05B 17/00 (2006.01); **E05C 19/02** (2006.01); **E05F 5/00** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP)
E05B 17/0025 (2013.01); **E05C 19/02** (2013.01); **E05F 5/00** (2013.01); **F25D 23/028** (2013.01); **E05Y 2900/31** (2013.01); **F25D 2400/04** (2013.01)

Citation (search report)
See references of WO 02081989A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02081989 A1 20021017; AT E456775 T1 20100215; BR 0208734 A 20040720; BR 0208734 B1 20110809; CN 1250929 C 20060412; CN 1502030 A 20040602; DE 10117782 A1 20021017; DE 50214194 D1 20100318; EP 1379818 A1 20040114; EP 1379818 B1 20100127; EP 2113621 A1 20091104; ES 2338531 T3 20100510

DOCDB simple family (application)
EP 0203752 W 20020404; AT 02724272 T 20020404; BR 0208734 A 20020404; CN 02807970 A 20020404; DE 10117782 A 20010409; DE 50214194 T 20020404; EP 02724272 A 20020404; EP 09009644 A 20020404; ES 02724272 T 20020404