

Title (en)  
Refrigeration and/or freezer device

Title (de)  
Kühl-und/oder Gefriergerät

Title (fr)  
Appareil de réfrigération et/ou de congélation

Publication  
**EP 2660544 A3 20170524 (DE)**

Application  
**EP 13002315 A 20130430**

Priority  
• DE 102012008929 A 20120504  
• DE 102012012165 A 20120619

Abstract (en)  
[origin: EP2660544A2] The refrigerating and freezing apparatus (1) has interior space and closing element. The closing element is provided to close cooled interior space. The drive unit is driven by opening unit (2,3) to open closing element. The drive unit and the opening unit are connected with each other by cable, such that traction force is applied by the drive unit to the cable and mechanical movement of the cable of the opening unit is generated.

IPC 8 full level  
**F25D 23/02** (2006.01)

CPC (source: EP)  
**E05F 15/63** (2015.01); **F25D 23/028** (2013.01); **E05Y 2201/426** (2013.01); **E05Y 2900/31** (2013.01)

Citation (search report)  
• [XY] JP 2005160793 A 20050623 - DAIWA INDUSTRIAL LTD  
• [X] DE 9214897 U1 19930304  
• [X] JP H0464312 A 19920228 - SANYO ELECTRIC CO  
• [YA] JP 2001033150 A 20010209 - MATSUSHITA REFRIGERATION  
• [A] WO 2006101291 A1 20060928 - LG ELECTRONICS INC [KR], et al  
• [A] US 2003234601 A1 20031225 - SPETTL JORG [DE]

Cited by  
US2016242542A1; US11072960B2; EP4202327A1; US2019211603A1; US10590690B2; CN111426124A; CN115289737A; US11072961B2; US11414910B2; US11761255B2; US11821249B2; US11859429B2

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)  
**EP 2660544 A2 20131106; EP 2660544 A3 20170524**; DE 102012012165 A1 20131107

DOCDB simple family (application)  
**EP 13002315 A 20130430**; DE 102012012165 A 20120619