

Title (en)  
REFRIGERATED DISPLAY CASE

Title (de)  
KÜHLREGAL

Title (fr)  
VITRINE RÉFRIGÉRÉE

Publication  
**EP 3311083 C0 20240327 (DE)**

Application  
**EP 16717905 A 20160513**

Priority  
• DE 102015109611 A 20150616  
• EP 2016058665 W 20160513

Abstract (en)  
[origin: WO2016202486A1] The invention relates to a cooling shelf (1) having at least one unit composed of a plurality of wall groups, namely a base group (11), a rear wall group (12) and a top group (13), which delimit a cooling space (4) from below, the rear and above, and having a cooling device (5) with a refrigerant circuit, which comprises, as components, at least one compressor (51), an evaporator (50), a condenser (52) and an electric control device (55). An environmentally friendly, efficient and hence safely operable cooling shelf is obtained in that propane is contained as a coolant in the refrigerant circuit with a filling amount of more than 150 g.

IPC 8 full level  
**F25D 11/00** (2006.01); **F25B 49/00** (2006.01)

CPC (source: EP US)  
**A47F 3/0439** (2013.01 - US); **F25B 13/00** (2013.01 - US); **F25B 49/005** (2013.01 - EP US); **F25D 11/00** (2013.01 - EP US); **F25B 2400/12** (2013.01 - EP US)

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

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)  
**DE 102015109611 A1 20161222**; AR 105021 A1 20170830; BR 112017018256 A2 20180515; CN 107532838 A 20180102; CN 107532838 B 20210921; EP 3311083 A1 20180425; EP 3311083 B1 20240327; EP 3311083 C0 20240327; US 10368659 B2 20190806; US 2018146799 A1 20180531; WO 2016202486 A1 20161222

DOCDB simple family (application)  
**DE 102015109611 A 20150616**; AR P160101800 A 20160616; BR 112017018256 A 20160513; CN 201680021434 A 20160513; EP 16717905 A 20160513; EP 2016058665 W 20160513; US 201615569163 A 20160513