

Title (en)
REFRIGERATED DISPLAY CASE

Title (de)
KÜHLTHEKE

Title (fr)
PRÉSENTOIR RÉFRIGÉRÉ

Publication
EP 3503768 A1 20190703 (DE)

Application
EP 17755190 A 20170822

Priority
• DE 102016115604 A 20160823
• EP 2017071146 W 20170822

Abstract (en)
[origin: WO2018037012A1] The invention relates to a refrigerated display case consisting of at least one display case module (1) with a front assembly (3) and a rear-face assembly (4) which are connected to a floor assembly (2), said floor assembly being arranged under a cooling area (6), around which cooling air flows, for goods to be cooled and supporting at least parts of a cooling device (5). The flow path of the cooling air is guided through cooling air channel (70) sections which are formed in the floor assembly (2) and the rear-face assembly (4) and transition into one another, wherein an evaporator (54) is arranged in the cooling air channel. A design with efficient cooling consists in that the floor assembly (2) has a display case trough (23) that has a two-stage design and comprises a floor-side intermediate section (21), in which a machine assembly (51) with a compressor (52) and a liquifier (55) is received, and a closure part (22), which is arranged over the intermediate section and is separated by means of a partition (24), contains a lower cooling air channel (70) section (71) that leads from the front to the rear face, and is closed upwards towards the cooling area (6) by a goods tray (22).

IPC 8 full level
A47F 3/04 (2006.01)

CPC (source: EP)
A47F 3/0443 (2013.01); **A47F 3/063** (2013.01); **A47F 3/0426** (2013.01); **F25D 19/02** (2013.01); **F25D 23/006** (2013.01); **F25D 2500/02** (2013.01)

Citation (search report)
See references of WO 2018037012A1

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)
DE 102016115604 A1 20180301; **DE 102016115604 B4 20201001**; EP 3503768 A1 20190703; WO 2018037012 A1 20180301

DOCDB simple family (application)
DE 102016115604 A 20160823; EP 17755190 A 20170822; EP 2017071146 W 20170822