

Title (en)  
REFRIGERATION CONTROL UNIT

Title (de)  
KÜHLUNGSSTEUEREINHEIT

Title (fr)  
UNITÉ DE COMMANDE DE RÉFRIGÉRATION

Publication  
**EP 3564607 A1 20191106 (EN)**

Application  
**EP 19172230 A 20190502**

Priority  
• US 201862665964 P 20180502  
• US 201916252536 A 20190118

Abstract (en)  
A refrigeration control unit configured to modify an operating condition of a refrigeration unit is provided. The refrigeration control unit includes a first device housing component and a second device housing component defining a main refrigeration control device. The refrigeration control unit further includes a user interface component. The user interface component includes multiple controls configured to permit selection of multiple refrigeration unit operating parameters and a display. The user interface component is configured to be detachably coupled to the main refrigeration control device such that the user interface component is operational both when mounted in the main refrigeration control device and when mounted at a location remote to the main refrigeration control device.

IPC 8 full level  
**F25D 23/12** (2006.01)

CPC (source: CN EP)  
**F25D 23/12** (2013.01 - EP); **F25D 29/005** (2013.01 - CN); **F25D 2400/361** (2013.01 - CN EP)

Citation (applicant)  
• US 201862665964 P 20180502  
• US 201916252536 A 20190118

Citation (search report)  
• [XYI] US 2009090127 A1 20090409 - DO JOON YOUNG [KR]  
• [XI] WO 2017161324 A1 20170921 - FRESH CHILL SOLUTIONS INC [US]  
• [X] WO 2005047786 A1 20050526 - LG ELECTRONICS INC [KR], et al  
• [XI] US 2008164226 A1 20080710 - MCCOY RICHARD A [US], et al  
• [XI] EP 2910877 A1 20150826 - TOSHIBA KK [JP], et al  
• [Y] WO 2008086136 A2 20080717 - WHIRLPOOL CO [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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3564607 A1 20191106**; CN 110440520 A 20191112

DOCDB simple family (application)  
**EP 19172230 A 20190502**; CN 201910348279 A 20190428