

Title (en)
REFRIGERATION AND/OR FREEZING APPLIANCE

Title (de)
KÜHL- UND/ODER GEFRIERGERÄT

Title (fr)
APPAREIL DE RÉFRIGÉRATION ET/OU DE CONGÉLATION

Publication
EP 3673550 A1 20200701 (DE)

Application
EP 18795432 A 20181023

Priority
• DE 102017125169 A 20171026
• DE 102017130771 A 20171220
• EP 2018079032 W 20181023

Abstract (en)
[origin: WO2019086299A1] An arrangement for a refrigeration and/or freezing appliance, having an electrical or electronic component (1, 2a) and having ascertainment means (2, 4) by which an electrical or thermal load of the component can be ascertained, wherein the ascertainment means comprise a heat source (2) and means for detecting (4) the release of heat by the heat source, wherein the heat source is not formed by the component itself and is connected in series or in parallel with respect to the component.

IPC 8 full level
H02H 3/08 (2006.01); **F25D 29/00** (2006.01); **G05F 1/10** (2006.01); **H02H 5/00** (2006.01); **H02H 5/04** (2006.01); **H02H 9/02** (2006.01); **H03K 17/00** (2006.01); **H03K 17/08** (2006.01); **H03K 17/082** (2006.01); **H05K 1/02** (2006.01)

CPC (source: EP US)
F25B 49/005 (2013.01 - EP US); **F25D 23/003** (2013.01 - EP US); **F25D 29/00** (2013.01 - EP); **F25D 29/006** (2013.01 - EP US); **G05F 1/10** (2013.01 - EP); **H02H 3/085** (2013.01 - EP US); **H02H 5/043** (2013.01 - EP US); **H02H 9/02** (2013.01 - EP US); **H03K 17/00** (2013.01 - EP); **H03K 17/0824** (2013.01 - EP); **H05K 1/0265** (2013.01 - EP); **F25B 2700/15** (2013.01 - EP US); **F25B 2700/21** (2013.01 - EP US); **H03K 2017/0806** (2013.01 - EP); **H05K 1/0212** (2013.01 - EP)

Citation (examination)
• DE 602005002443 T2 20080612 - LG ELECTRONICS INC [KR]
• WO 2014023357 A1 20140213 - SIEMENS AG [DE], et al
• See also references of WO 2019086299A1

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 102017130771 A1 20190502; CN 111480274 A 20200731; EP 3673550 A1 20200701; RU 2020114736 A 20211126; RU 2020114736 A3 20211126; US 2020266619 A1 20200820; WO 2019086299 A1 20190509

DOCDB simple family (application)
DE 102017130771 A 20171220; CN 201880069176 A 20181023; EP 18795432 A 20181023; EP 2018079032 W 20181023; RU 2020114736 A 20181023; US 201816758867 A 20181023