

Title (en)
REFRIGERATED SALES CABINET

Title (de)
VERKAUFSKÜHLVITRINE

Title (fr)
ARMOIRE DE VENTE RÉFRIGÉRÉE

Publication
EP 3685707 B1 20240228 (EN)

Application
EP 19153068 A 20190122

Priority
EP 19153068 A 20190122

Abstract (en)
[origin: EP3685707A1] A refrigerated sales cabinet (2) comprises a door (8); a door operation motor configured to move the door (8) between a closed position and an opened position; a control unit (22); a door opening sensor (18), particularly a touch or proximity sensor configured to sense, while the door (8) is in its closed position, if a hand of a customer touches the door opening sensor (18) or if a hand of a customer is moved close to the door opening sensor (18) and to transmit a door opening signal indicative of such touch or such movement to the control unit (22); and wherein the control unit (22) is configured to drive the door operation motor in response to such door opening signal such that the door operation motor moves the door (8) from its closed to its opened position; and/or a door obstruction detection sensor (24), particularly a proximity sensor configured to sense, while the door (8) is in its opened position, if an object, particularly a person or a body part is positioned in the way of the closing movement of the door (8), and to transmit a door closing signal indicative that no object is in the way to the control unit (22); and wherein the control unit (22) is configured to drive the door operation motor in response to such door closing signal, such that the door operation motor moves the door (8) from its opened to its closed position.

IPC 8 full level
A47F 3/00 (2006.01); **A47F 3/04** (2006.01)

CPC (source: CN EP)
A47F 3/0404 (2013.01 - CN); **A47F 3/043** (2013.01 - CN EP); **A47F 3/0478** (2013.01 - CN); **E05F 15/42** (2015.01 - CN); **E05F 15/46** (2013.01 - EP); **E05F 15/611** (2015.01 - CN); **E05F 15/632** (2015.01 - CN); **E05F 15/73** (2013.01 - CN EP); **G08B 21/24** (2013.01 - CN); **E05F 15/43** (2015.01 - EP); **E05F 15/74** (2015.01 - EP); **E05F 15/75** (2015.01 - EP); **E05Y 2400/852** (2013.01 - EP); **E05Y 2400/86** (2013.01 - EP); **E05Y 2900/202** (2013.01 - EP); **E05Y 2900/30** (2013.01 - CN); **F25D 2700/02** (2013.01 - EP); **F25D 2700/04** (2013.01 - EP)

Cited by
US2021381718A1; US11815279B2; EP4198239A1; WO2024104874A1

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

DOCDB simple family (publication)
EP 3685707 A1 20200729; EP 3685707 B1 20240228; CN 111449456 A 20200728

DOCDB simple family (application)
EP 19153068 A 20190122; CN 202010075972 A 20200122