

Title (en)  
BEVERAGE COOLER

Title (de)  
GETRÄNKEKÜHLER

Title (fr)  
RAFRAÎCHISSEUR DE BOISSON

Publication  
**EP 4089351 A1 20221116 (EN)**

Application  
**EP 21173255 A 20210511**

Priority  
EP 21173255 A 20210511

Abstract (en)  
The present disclosure concerns a beverage cooler (10) comprising a housing (12), an elongated cooling chamber (32) formed in the housing (12) for accommodating a beverage container (34), the cooling chamber (32) comprising an air inlet (36) and an air outlet (38), an air flow circuit comprising the air inlet (36), the cooling chamber (32) and the air outlet (38), a fan (74) arranged in the air flow circuit for inducing an air flow in the air flow circuit in an air flow direction, and a refrigerating device (58) arranged in the housing (12) and comprising a compressor (60), an evaporator (62), an expansion mechanism and a condenser (64) connected in a refrigerant circuit containing a refrigerant, wherein the evaporator (62) is positioned in the air flow circuit upstream of the air inlet (36) in the flow direction for exchanging heat between the air flow and the refrigerant in the refrigerant circuit.

IPC 8 full level  
**F25D 17/06** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP US)  
**F25D 17/06** (2013.01 - EP US); **F25D 31/007** (2013.01 - EP US); **F25D 2400/28** (2013.01 - EP US)

Citation (applicant)  
• US 4164851 A 19790821 - BRYANT JON A  
• DE 102014202925 A1 20150820 - BSH HAUSGERAETE GMBH [DE]  
• DE 102014224117 A1 20160616 - KOENIG & BAUER AG [DE]  
• US 2013291570 A1 20131107 - DAHOKEY ROI [IL], et al

Citation (search report)  
• [XYI] US 2006207279 A1 20060921 - DADDIS EUGENE D JR [US], et al  
• [XY] US 2204804 A 19400618 - HEINTZEN HARRY R  
• [Y] US 2014053592 A1 20140227 - ALLARD PAUL B [US], et al  
• [A] JP 2003214753 A 20030730 - HOSHIZAKI ELECTRIC CO LTD  
• [A] US 2020018542 A1 20200116 - Jafa EMAD [US], et al  
• [A] WO 2015162631 A2 20151029 - INNOMINE HOLDING PRIVATE LTD [IN]

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4089351 A1 20221116**; CN 117295920 A 20231226; EP 4337900 A1 20240320; US 2024247867 A1 20240725;  
WO 2022238371 A1 20221117

DOCDB simple family (application)  
**EP 21173255 A 20210511**; CN 202280034618 A 20220510; EP 2022062577 W 20220510; EP 22728500 A 20220510;  
US 202218560353 A 20220510