

Title (en)
ICE SUPPLY DEVICE AND ICE MAKING SYSTEM

Title (de)
EISZUFÜHRVORRICHTUNG UND EISHERSTELLUNGSSYSTEM

Title (fr)
DISPOSITIF D'ALIMENTATION EN GLACE ET SYSTÈME DE FABRICATION DE GLACE

Publication
EP 4083542 A4 20230125 (EN)

Application
EP 20905869 A 20201225

Priority
• JP 2019237824 A 20191227
• JP 2020035080 W 20200916
• JP 2020048749 W 20201225

Abstract (en)
[origin: EP4083542A1] An ice supply device (C) includes an ice storage tank (T) that stores sherbet ice, a supply path (31) through which the sherbet ice is taken out of the ice storage tank (T), and a water flow path (80) that joins the supply path (31) and through which water flows.

IPC 8 full level
F25C 1/00 (2006.01); **F25C 5/20** (2006.01)

CPC (source: EP US)
F25B 6/00 (2013.01 - US); **F25B 25/005** (2013.01 - EP); **F25C 1/00** (2013.01 - US); **F25B 13/00** (2013.01 - EP); **F25B 40/00** (2013.01 - EP); **F25B 2313/003** (2013.01 - EP); **F25C 2301/002** (2013.01 - EP US); **F25C 2400/14** (2013.01 - US); **F25C 2700/14** (2013.01 - US)

Citation (search report)
• [X] JP 2004245485 A 20040902 - ISHIKAWAJIMA HARIMA HEAVY IND
• [X] EP 3415843 A1 20181219 - SUEZ GROUPE [FR]
• [X] WO 8900668 A1 19890126 - SUNWELL ENG CO LTD [CA], et al
• [X] EP 1906120 A1 20080402 - ELECTROLUX HOME PROD CORP [BE]
• See references of WO 2021132570A1

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 4083542 A1 20221102; EP 4083542 A4 20230125; EP 4083542 B1 20240214; CN 114867975 A 20220805; CN 114867975 B 20240621; US 2022325933 A1 20221013; WO 2021132570 A1 20210701

DOCDB simple family (application)
EP 20905869 A 20201225; CN 202080089740 A 20201225; JP 2020048749 W 20201225; US 202217849063 A 20220624