

Title (en)
ICEMAKER

Title (de)
EISBEREITER

Title (fr)
MACHINE À GLACE

Publication
EP 3717845 A1 20201007 (EN)

Application
EP 18816141 A 20181218

Priority
• IT 201800002500 A 20180208
• EP 2018085572 W 20181218

Abstract (en)
[origin: WO2019154548A1] The icemaker (1) comprises an evaporator (2) equipped with a plurality of open cells (3) for the formation of ice elements (13), a sprayer (4) for spraying water into the cells (3), a tank (5) for collecting the water not transformed into ice in the cells (3), the sprayer (4) having an element (8) for occluding the cells (3) equipped with a plurality of calibrated holes (9), each for access to a corresponding cell (3) and a plurality of nozzles (10), each engaged in a corresponding access hole (9) for the injection of water into a corresponding cell (3), the sprayer (4) being supported by a support (11) in a movable manner between an opening position and a closing position of the cells (3) by means of the occlusion element (8), a kinematic mechanism for moving said support (11) also being provided externally to said collection tank (5).

IPC 8 full level
F25C 1/045 (2018.01); **F25C 1/22** (2018.01)

CPC (source: EP US)
F25C 1/045 (2013.01 - EP); **F25C 1/12** (2013.01 - US); **F25C 1/22** (2013.01 - EP); **F25C 1/25** (2017.12 - US); **F25C 5/182** (2013.01 - US); **F25C 2500/06** (2013.01 - EP)

Citation (search report)
See references of WO 2019154548A1

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)
WO 2019154548 A1 20190815; CN 111587351 A 20200825; EP 3717845 A1 20201007; EP 3717845 B1 20210721; ES 2889174 T3 20220111; IT 201800002500 A1 20190808; US 2020400358 A1 20201224

DOCDB simple family (application)
EP 2018085572 W 20181218; CN 201880086102 A 20181218; EP 18816141 A 20181218; ES 18816141 T 20181218; IT 201800002500 A 20180208; US 201816968407 A 20181218