

Title (en)

RESIDENTIAL ICE MAKER AND METHOD OF MAKING FUNNY ICE BY USING SAME

Title (de)

HAUSHALTSEISMASCHINE UND VERFAHREN ZUR HERSTELLUNG VON LUSTIG GEFORMTEM EIS DAMIT

Title (fr)

MACHINE À GLAÇONS RÉSIDENTIELLE ET PROCÉDÉ DE FABRICATION DE GLAÇONS AMUSANTS À L'AIDE DE CELLE-CI

Publication

EP 4095462 A4 20240124 (EN)

Application

EP 21926045 A 20210909

Priority

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- KR 20210033831 A 20210316
- KR 20210033832 A 20210316
- KR 20210033833 A 20210316
- KR 2021012250 W 20210909

Abstract (en)

[origin: EP4095462A1] A home ice maker is proposed. According to the home ice maker, without rocking an ice making tray, ice-making water is allowed to sufficiently fluctuate by the rotation of the fluctuation part, thereby easily forming transparent ice without increasing the size of the ice making tray. The fluctuation part and the ice making tray are formed coaxially, and when rotating the fluctuation part so as to remove ice, the fluctuation part is rotated relative to the central axis of the ice making tray, thereby realizing a compact configuration of the ice maker without requiring additional space for the ice removal.

IPC 8 full level

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CPC (source: EP)

F25C 1/08 (2013.01); **F25C 1/20** (2013.01); **F25C 1/25** (2018.01); **F25C 2305/0221** (2021.08); **F25C 2400/04** (2013.01); **F25C 2600/04** (2013.01); **F25C 2700/14** (2013.01)

Citation (search report)

- [XYI] EP 0580951 A1 19940202 - HOSHIZAKI ELECTRIC CO LTD [JP]
- [XYI] US 4199956 A 19800429 - LUNDE HOWARD L [US]
- [XI] US 2012186292 A1 20120726 - KIM SE-JOO [KR]
- [YA] KR 20100078802 A 20100708 - WINIAMANDO INC [KR]
- [A] US 2018017313 A1 20180118 - PARK JUNSOO [KR], et al
- [A] KR 20180041520 A 20180424 - COWAY CO LTD [KR]
- See also references of WO 2022196876A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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