

Title (en)

Refrigerator having ice maker with flexible ice mold and method for harvesting ice

Title (de)

Kühlschrank mit Eismaschine mit beweglicher Eisgefrierform und Verfahren zum Einsammeln von Eis

Title (fr)

Réfrigérateur doté d'une machine à glaçons avec moule à glaçons flexible et procédé de récolte de glace

Publication

EP 2730864 A3 20161130 (EN)

Application

EP 13173613 A 20130625

Priority

US 201213670510 A 20121107

Abstract (en)

[origin: EP2730864A2] A household refrigerator includes an ice maker. The ice maker has an ice mold. The ice mold is made from a thin flexible material, such as stamped aluminum. The ice mold includes ice forming compartments and a rotatable member with fingers for removing ice pieces from the ice compartments as the rotatable member is rotated. The rotatable member also includes a cam projection that contacts and flexes the ice mold as the rotatable member is rotated to at least partially break a bond between the ice pieces and the ice forming compartments.

IPC 8 full level

F25C 1/04 (2006.01); **F25C 5/00** (2006.01); **F25C 5/04** (2006.01); **F25C 5/06** (2006.01)

CPC (source: EP US)

F25C 1/04 (2013.01 - EP US); **F25C 5/04** (2013.01 - US); **F25C 5/06** (2013.01 - EP US); **F25C 5/22** (2017.12 - EP US);
F25C 2305/024 (2021.08 - EP)

Citation (search report)

- [XYI] JP S5077863 U 19750705
- [XI] JP S5097042 U 19750813
- [XI] JP S5084851 U 19750719
- [Y] EP 1653178 A2 20060503 - WHIRLPOOL CO [US]
- [A] US 2869060 A 19590113 - CHACE THOMAS B

Cited by

CN109579391A

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)

EP 2730864 A2 20140514; **EP 2730864 A3 20161130**; US 2014123687 A1 20140508

DOCDB simple family (application)

EP 13173613 A 20130625; US 201213670510 A 20121107