

Title (en)
Filler device and cover for an ice producing system

Title (de)
Einfüllvorrichtung und Abdeckung für eine Eisstückherstelleinrichtung

Title (fr)
Dispositif de remplissage et recouvrement pour un dispositif de fabrication de glaçons

Publication
EP 2667121 A3 20170315 (DE)

Application
EP 13167755 A 20130515

Priority
DE 102012208668 A 20120523

Abstract (en)
[origin: EP2667121A2] The device (26) has an inlet aperture (32) extended for feeding liquid into a container (14) into a direction. A discharge rib for discharging residue liquid is extended from the inlet aperture into another direction and including an angle larger than 0 degree with the former direction. The discharge rib is arranged along the latter direction with a spacing to the inlet aperture. The discharge rib comprises a discharge region for discharging the residue liquid and a dripping region for dripping the residue liquid from the discharge rib. Independent claims are also included for the following: (1) a covering (2) an ice cube producing device.

IPC 8 full level
F25C 1/22 (2006.01)

CPC (source: EP)
F25C 1/25 (2017.12); **F25C 2400/14** (2013.01); **F25D 23/04** (2013.01)

Citation (search report)
• [X] JP H08233420 A 19960913 - TOSHIBA CORP
• [X] US 2009038330 A1 20090212 - LEE MOON-SEOK [KR], et al
• [X] JP 2008144987 A 20080626 - SANYO ELECTRIC CO
• [X] US 2010115981 A1 20100513 - KAWASUMI MASAAKI [JP], et al
• [X] US 2008289355 A1 20081127 - KANG BYEONG-GYU [KR], et al
• [X] JP H0961024 A 19970307 - SHARP KK
• [X] JP 2000220928 A 20000808 - SANYO ELECTRIC CO
• [X] JP 2005055090 A 20050303 - DAIWA INDUSTRIAL LTD
• [X] US 6349556 B1 20020226 - BARNETT MARK [US], et al

Cited by
CN106705550A; CN106885410A; WO2018161920A1; WO2023184750A1

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 2667121 A2 20131127; EP 2667121 A3 20170315; DE 102012208668 A1 20131128

DOCDB simple family (application)
EP 13167755 A 20130515; DE 102012208668 A 20120523