Title (en)

SYSTEM FOR THE PRODUCTION OF COMPACTED ICE

Title (de)

SYSTEM ZUR HERSTELLUNG VON KOMPAKTIERTEM EIS

Title (fr)

SYSTÈME DE FABRICATION DE GLACE COMPRESSÉE

Publication

EP 3623728 A4 20210217 (EN)

Application

EP 18799046 A 20180511

Priority

- ES 201730688 A 20170512
- ES 2018070353 W 20180511

Abstract (en)

[origin: EP3623728A1] The present invention relates to a system for producing compacted ice from crushed ice, comprising: a sub-system (1) for receiving crushed ice; a sub-system (3) for compacting the crushed ice, comprising at least a press module (4), and a compression module (5) provided with means for generating compression forces by means of the movement of one or more press rollers (6); and a sub-system (7) for actuating the compaction sub-system (3). Advantageously, the compaction sub-system (3) also comprises one or more rotary platforms (2) for moulding the crushed ice, arranged between the press module (4) and the compression module (5), such that the rotary movement thereof is used to convey the crushed ice and the compacted ice during production. The actuation sub-system (7) is provided with means for rotating the rotary platforms (2) while the crushed ice is being compacted.

IPC 8 full level

F25C 5/14 (2006.01)

CPC (source: EP ES US)

B30B 1/00 (2013.01 - US); **F25C 5/14** (2013.01 - EP ES US); B30B 11/08 (2013.01 - US)

Citation (search report)

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- [A] US 3803869 A 19740416 - NEUMANN C, et al
- See references of WO 2018206837A1

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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

DOCDB simple family (publication)

EP 3623728 A1 20200318; **EP 3623728 A4 20210217**; ES 2689335 A1 20181113; ES 2689335 B2 20190708; MX 2019013457 A 20200115; US 2020124334 A1 20200423; WO 2018206837 A1 20181115

DOCDB simple family (application)

EP 18799046 A 20180511; ES 201730688 A 20170512; ES 2018070353 W 20180511; MX 2019013457 A 20180511; US 201816612528 A 20180511