

Title (en)

Device for delivering metered quantities of ice cubes

Title (de)

Vorrichtung zum Abgeben dosierter Mengen von Kleineiskörpern

Title (fr)

Dispositif pour délivrer des quantités dosées de glaçons

Publication

EP 0828120 B1 20000531 (DE)

Application

EP 96113126 A 19960816

Priority

EP 96113126 A 19960816

Abstract (en)

[origin: EP0828120A1] The dispenser comprises a heat-insulated housing (10), a storage container (11) for undispensed ice cubes (36), a worm conveyor (12) and a dispensing aperture (19) for the ice cubes. The lower end (13) of the worm conveyor is located in the storage container and the upper end (14) of the worm conveyor has an outlet aperture (15) for the ice cubes. A channel-type slide (17) is positioned under the outlet aperture and has a dished electromagnetically operated flap (18) at the slide end. The slide leads to a weighing device (20), which has a weighing cell (21), a scale pan (23) with an openable base flap (24) and a suspension (22) that connects the scales bowl with the weighing cell. The flap has a horizontal axis and a fast-acting actuator.

IPC 1-7

F25C 5/00

IPC 8 full level

F25C 5/00 (2006.01)

CPC (source: EP)

F25C 5/24 (2017.12)

Cited by

KR100765196B1; EP1835245A3; EP1653174A3; DE102007016070A1; EP1185832A4; WO0052400A1

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