

Title (en)
Ice-cube releasing apparatus

Title (de)
Eiswürfel-Abgabegerät

Title (fr)
Appareil de distribution de cubes de glace

Publication
EP 0937954 A1 19990825 (EN)

Application
EP 99103316 A 19990219

Priority
JP 5594598 A 19980219

Abstract (en)
An ice-cube releasing apparatus capable of achieving the efficient conveyance of ice cubes and the stabilization of the release of ice cubes. In the ice-cube releasing apparatus, an ice-cube feeding screw 33 has a fin 45 for feeding ice cubes, and the fin 45 is spirally mounted on a rotary shaft 34 in the axial direction of the fin 45. The ice-cube releasing screw 33 is connected to drive means and disposed inside an ice stock compartment that stores a large number of ice cubes S. The fin 45 has an abutting face 49 directed toward an ice releasing section, and the abutting face 49 is formed so as to tilt toward the ice releasing section as it goes outward in the radial direction of the fin 45. With this structure, the movement of the ice cubes S in the radially outward direction is suitably regulated when they are conveyed to the ice releasing section by rotation of the ice-cube feeding screw 33. Thus, there is no possibility that the ice cubes S will be moved outward from the screw 33. <IMAGE>

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IPC 8 full level
F25C 5/00 (2006.01); **F25C 1/08** (2006.01)

CPC (source: EP)
F25C 5/20 (2017.12); **F25C 1/08** (2013.01)

Citation (search report)
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• [YA] JP S6160511 A 19860328 - UBE INDUSTRIES
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