

Title (en)
APPARATUS FOR MAKING CRUSHED ICE

Publication
EP 0093975 B1 19850814 (DE)

Application
EP 83104192 A 19830429

Priority
DE 3216473 A 19820503

Abstract (en)
[origin: US4569209A] A device for making fragmented ice. It has a more or less vertical and externally chilled cylinder (1), a water intake at the bottom of the cylinder, an ice outlet (15) at the top of the cylinder, a powered conveyer worm (5) that is mounted in the cylinder and that continuously scrapes off the thin coating of ice that forms on the inside (2) of the wall of the cylinder with at least one thread (6 or 7) and conveys it in the form of a spiral (12) toward the ice outlet (15). It also has several cutters (16) distributed at regular intervals over the space (9) between the threads and a deflector (17) in the space between the threads and at the top of the threads to compact the ice and to produce grains or fragments of ice of desired dimensions and with a relatively narrow tolerance.

IPC 1-7
F25C 1/14

IPC 8 full level
F25C 1/14 (2006.01); **F25C 1/147** (2018.01)

CPC (source: EP US)
F25C 1/147 (2013.01 - EP US)

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