

Title (en)  
DEVICE FOR CRUSHING ICE CUBES

Publication  
**EP 0241842 A3 19890118 (DE)**

Application  
**EP 87105095 A 19870407**

Priority  
DE 3612626 A 19860415

Abstract (en)  
[origin: US4762282A] A device for comminuting small ice bodies includes a housing without top and bottom walls in which a horizontally extending shaft is rotatably mounted. Disks forming beater knives are mounted on the shaft and counterknives in the form of cross-shaped breaking members are attached to the housing. Groups of adjacent disks define chambers in such a way that each chamber receives exactly one ice body. The chambers are arranged distributed over the circumference of the disks and along the length of the shaft in such a way that only a single ice body is comminuted at a given time. This reduces the power required for driving the shaft to a minimum.

IPC 1-7  
**F25C 5/04**

IPC 8 full level  
**F25C 5/04** (2006.01)

CPC (source: EP US)  
**F25C 5/046** (2013.01 - EP US); **Y10S 241/17** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AT BE CH ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**US 4762282 A 19880809**; AT E53449 T1 19900615; DE 3612626 C1 19870611; EP 0241842 A2 19871021; EP 0241842 A3 19890118; EP 0241842 B1 19900606; ES 2016297 B3 19901101; GR 3000747 T3 19911010; JP S62245064 A 19871026

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