

Title (en)  
PNEUMATIC ICE MAKING DEVICE

Title (de)  
LUFTEISERZEUGUNGSEINRICHTUNG

Title (fr)  
DISPOSITIF PNEUMATIQUE DE PRODUCTION DE GLACE

Publication  
**EP 0667499 B1 19980610 (EN)**

Application  
**EP 93906784 A 19930317**

Priority  
• JP 9300316 W 19930317  
• JP 31437292 A 19921030

Abstract (en)  
[origin: EP0667499A1] A pneumatic ice making device in which a refrigerating cycle using air as a heating medium is formed by disposing in an air circulation path an air compressor, a compressed air cooling apparatus, an air expanding device and an ice making heat exchanger in the direction of air flow, said pneumatic ice making device being characterized in that a heat recovering heat exchanger is provided for heat exchanging the air before entering the air expanding device with the air that has passed through the ice making heat exchanger, that the air expanding device is provided with a rotor adapted to rotate by air flow through the path thereof and that the rotating shaft of this rotor is coupled via a one-way clutch to the rotating shaft of a power machine for driving the air compressor. <IMAGE>

IPC 1-7  
**F25C 3/02**; **F25B 9/00**

IPC 8 full level  
**A63C 19/10** (2006.01); **F25B 9/00** (2006.01); **F25C 3/02** (2006.01)

CPC (source: EP)  
**A63C 19/10** (2013.01); **F25B 9/004** (2013.01); **F25C 3/02** (2013.01)

Cited by  
EP3637018A4; EP1106939A4; EP1176372A4; US9441542B2; US6397623B1; KR100654660B1; WO2021123484A1

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AT CH DE FR IT LI

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