

Title (en)
Method and device for making snow

Title (de)
Verfahren und Vorrichtung zur Erzeugung von Schnee

Title (fr)
Procédé et dispositif pour la production de neige

Publication
EP 0945694 A1 19990929 (DE)

Application
EP 99105887 A 19990324

Priority
DE 19813359 A 19980326

Abstract (en)
A continuously operating flake ice producer (3) is positioned on a mobile or stationary frame (1), and cooperates with a blower and mixer unit (16) with housing open at the top. The flake-ice producer consists of a cylindrical drum (4) whose inner surface is in the form of a cooling casing moistened with water to form a layer of ice. The layer of ice is continuously scraped off by an ice-scraper rotating on the drum's center lengthwise axis. The ice is removed in the form of flake ice (15). Pressurized air enters by an inlet (20) opposite an outlet (21).

Abstract (de)
Mittels einer geeigneten Vorrichtung (3) wird in bekannter Weise und kontinuierlich Scherbeneis erzeugt, welches in einer Misch- und Blaseinheit (16) mit Luft vermischt und ausgeblasen wird. Es entsteht Schnee von sehr guter Konsistenz, der auch bei Temperaturen über dem Gefrierpunkt erzeugt werden kann. <IMAGE>

IPC 1-7
F25C 3/04; **F25C 1/14**; **F25C 5/00**

IPC 8 full level
F25C 1/14 (2006.01); **F25C 1/145** (2018.01); **F25C 3/04** (2006.01); **F25C 5/00** (2006.01); **F25C 5/20** (2018.01)

CPC (source: EP)
F25C 1/145 (2013.01); **F25C 3/04** (2013.01); **F25C 5/20** (2017.12); **F25C 2303/042** (2013.01)

Citation (search report)

- [XY] EP 0034930 A2 19810902 - VENCRAFT CORP [US]
- [Y] US 2066431 A 19370105 - TAYLOR WILLIAM H
- [YA] US 4549408 A 19851029 - LEE JOSEPH M [US], et al
- [Y] US 4593854 A 19860610 - ALBERTSSON STIG L [US]
- [A] GB 2248678 A 19920415 - CLULOW MALCOM GEORGE, et al
- [PX] GB 2324596 A 19981028 - SNOWMAKERS [GB]

Cited by
EP1155982A1; CN114877578A; US11473822B2; US6511000B2; IT201800009796A1; WO2004025197A1; WO02061353A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0945694 A1 19990929; **EP 0945694 B1 20040602**; AT E268459 T1 20040615; DE 19813359 A1 19990930; DE 59909624 D1 20040708

DOCDB simple family (application)
EP 99105887 A 19990324; AT 99105887 T 19990324; DE 19813359 A 19980326; DE 59909624 T 19990324