

Title (en)  
APPARATUS FOR PRODUCING FLAKE ICE AND METHOD FOR CLEANING, DESCALING AND/OR DISINFECTING AN APPARATUS FOR PRODUCING FLAKE ICE

Title (de)  
VORRICHTUNG ZUR ERZEUGUNG VON SCHERBENEIS UND VERFAHREN ZUR REINIGUNG, ENTKALKUNG UND/ODER DESINFIZIERUNG EINER VORRICHTUNG ZUR ERZEUGUNG VON SCHERBENEIS

Title (fr)  
DISPOSITIF DE PRODUCTION DE GLACE EN COPEAUX ET PROCÉDÉ DE NETTOYAGE, DE DÉCALCIFICATION ET/OU DE DÉSINFECTION D'UN DISPOSITIF DE PRODUCTION DE GLACE EN COPEAUX

Publication  
**EP 2417407 A2 20120215 (DE)**

Application  
**EP 10718446 A 20100401**

Priority  
• DE 2010000383 W 20100401  
• DE 102009016726 A 20090409

Abstract (en)  
[origin: WO2010115407A2] An apparatus for producing flake ice from a fluid and a method for cleaning an apparatus for producing flake ice are proposed. The apparatus is designed with a rotatably disposed evaporator roller (2), a shaft (1) on the evaporator roller (2) that transmits torque from a drive to the evaporator roller (2), a scraper (3) for removing ice that has been formed from the fluid at the surface of the evaporator roller (2), a pan (4) which receives the fluid and in which pan (4) the evaporator roller (2) is immersed at least partially, and a cleaning device for cleaning, descaling and/or disinfecting purposes. The cleaning device comprises at least one feed line opening into the pan (4) for a cleaning fluid and a recirculation device (6), which recirculates the cleaning fluid in the pan (4) and generates a flow of the cleaning fluid in the pan (4).

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

CPC (source: EP US)  
**F25C 1/142** (2013.01 - EP US); **F25C 2400/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010115407A2

Cited by  
DE102014118832B4; DE102014118832A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010014047 A1 20101014**; CN 102369402 A 20120307; CN 102369402 B 20130619; DE 112010001576 A5 20120830; DK 2417407 T3 20130408; EP 2417407 A2 20120215; EP 2417407 B1 20130116; ES 2402402 T3 20130503; JP 2012523538 A 20121004; JP 6013909 B2 20161025; PL 2417407 T3 20130628; RU 2011145274 A 20130520; RU 2518354 C2 20140610; US 2012031135 A1 20120209; WO 2010115407 A2 20101014; WO 2010115407 A3 20110224

DOCDB simple family (application)  
**DE 102010014047 A 20100406**; CN 201080014409 A 20100401; DE 112010001576 T 20100401; DE 2010000383 W 20100401; DK 10718446 T 20100401; EP 10718446 A 20100401; ES 10718446 T 20100401; JP 2012503862 A 20100401; PL 10718446 T 20100401; RU 2011145274 A 20100401; US 201013262750 A 20100401