

Title (en)

METHOD AND DEVICE FOR PRODUCING A BLASTING MIXTURE OF DRY ICE AND WATER ICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES TROCKENEIS-WASSEREISGEMISCHES ALS STRAHLMITTEL

Title (fr)

MÉTHODE ET DISPOSITIF POUR LA PRODUCTION D'UNE MÉLANGE DE GLACE ET NEIGE SÈCHE COMME AGENT DE PROJECTION

Publication

**EP 2681009 A1 20140108 (DE)**

Application

**EP 12707539 A 20120301**

Priority

- DE 102011004923 A 20110301
- EP 2012053575 W 20120301

Abstract (en)

[origin: WO2012117077A1] There is disclosed a method and a device for preparing a dry ice/water ice mixture, wherein the dry ice is introduced into a mixing area via a feed, water or water ice also being introduced into said mixing area by means of a separate feed. The feed of dry ice and water ice is configured such that the water, when it is in the liquid state, does not come into contact with the dry ice. Mixing does not occur until the water is in the form of ice. Further cooling of the ice mixture, in particular of the water ice in order to increase the hardness thereof, can be achieved via contact surfaces, by means of which the water ice is cooled further.

IPC 8 full level

**B24C 1/00** (2006.01)

CPC (source: EP)

**B24C 1/003** (2013.01); **B24C 7/0046** (2013.01); **B24C 11/00** (2013.01)

Citation (search report)

See references of WO 2012117077A1

Cited by

EP3814050A4; USD985334S; US11672382B2; USD985331S; USD1021520S; US11780051B2; USD1021533S; US11864690B2; US11904324B2; WO2021138545A1; US11540669B2; US11617378B2; US11641978B2; US11871765B2; US11503959B2; USD983603S; US11832767B2; US11925298B2

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102011004923 A1 20120906**; EP 2681009 A1 20140108; EP 2681009 B1 20150805; WO 2012117077 A1 20120907

DOCDB simple family (application)

**DE 102011004923 A 20110301**; EP 12707539 A 20120301; EP 2012053575 W 20120301