

Title (en)

Device and method for cleaning objects using dry snow

Title (de)

Vorrichtung und Verfahren zum Reinigen von Gegenständen mittels Trockenschnee

Title (fr)

Dispositif et procédé de nettoyage d'objets à l'aide de neige carbonique

Publication

**EP 2151300 B1 20110420 (DE)**

Application

**EP 08018251 A 20081017**

Previously filed application

102008037089 20080808 DE

Priority

DE 102008037089 A 20080808

Abstract (en)

[origin: EP2151300A1] The device has an expansion channel for producing carbon dioxide crystals from liquid carbon dioxide, and a venturi nozzle (7) for discharging the crystals, where the nozzle mixes the crystals with abrasive additives. The crystals and the additives are fed into a section (25) of small cross section of the nozzle, and the channel is partially spiral shaped around a compression part (23) of the nozzle. The additives are selected from a group consisting of lava granules, oil emulsive core e.g. cherry stone, glass beads and plastic granules e.g. polyethylene, polyamide and polycarbonate. An independent claim is also included for a method for cleaning surfaces of an object using dry snow.

IPC 8 full level

**B24C 1/00** (2006.01); **B24C 5/04** (2006.01); **B24C 7/00** (2006.01); **B24C 11/00** (2006.01)

CPC (source: EP)

**B24C 1/003** (2013.01); **B24C 5/04** (2013.01); **B24C 7/0046** (2013.01); **B24C 11/00** (2013.01); **B24C 11/005** (2013.01)

Cited by

EP2926951A1; RU2744633C1; CN110026911A; BE1026348B1; FR3121063A1

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DOCDB simple family (publication)

**EP 2151300 A1 20100210**; **EP 2151300 B1 20110420**; AT E506142 T1 20110515; DE 102008037089 A1 20100211; DE 502008003284 D1 20110601; ES 2364787 T3 20110914; PL 2151300 T3 20110930

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