

Title (en)

Method and set for cleaning surfaces, especially surfaces of electrical devices being under voltage

Title (de)

Verfahren und Satz zum Reinigen von Oberflächen, insbesondere Oberflächen von elektrischen Vorrichtungen, die unter Spannung stehen

Title (fr)

Procédé et ensemble de nettoyage de surfaces, notamment de surfaces de dispositifs électriques sous tension

Publication

EP 2596910 A3 20140903 (EN)

Application

EP 12184477 A 20120914

Priority

PL 39660311 A 20111011

Abstract (en)

[origin: EP2596910A2] In a method of cleaning surfaces, especially surfaces of electric devices under voltage, using a dry ice method, a stream of compressed air is applied onto a cleaned surface at a safe distance. Before applying, the compressed air is dried to humidity of 0,008 - 0,0002 g/m³ and then, is passed through a container with dry ice of the temperature from -70 °C to -30 °C and granulation from 1,5 to 5 mm. A set for cleaning surfaces comprises a nozzle embedded on a lance connected by a hose with a dispensing device (6) of a dry ice and compressed air supplied by a compressor (2). Between the compressor (2) and the dispensing device (6) of dry ice there is mounted a dehumidifier (4) of compressed air connected by a hose (3) with the compressor (2) and by a second hose (5) with the dispensing device (6) of dry ice.

IPC 8 full level

B24C 1/00 (2006.01); **B24C 3/32** (2006.01); **B24C 11/00** (2006.01)

CPC (source: EP)

B24C 1/003 (2013.01); **B24C 3/322** (2013.01); **B24C 11/00** (2013.01)

Citation (search report)

[X] JP S60141474 A 19850726 - DORYOKURO KAKUNENRYO, et al

Cited by

FR3066416A1; ES2525400A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2596910 A2 20130529; EP 2596910 A3 20140903; PL 396603 A1 20130415

DOCDB simple family (application)

EP 12184477 A 20120914; PL 39660311 A 20111011