

Title (en)

METHOD AND INSTALLATION FOR THE TREATMENT OF ITEMS

Title (de)

VERFAHREN UND ANLAGE ZUR BEHANDLUNG VON GEGENSTÄNDEN

Title (fr)

PROCÉDÉ ET INSTALLATION DE TRAITEMENT D'OBJETS

Publication

**EP 2744601 B1 20190703 (DE)**

Application

**EP 12743906 A 20120808**

Priority

- DE 102011110986 A 20110818
- EP 2012003376 W 20120808

Abstract (en)

[origin: WO2013023757A1] In a method for the treatment of items, in particular vehicle bodies, an item (12) is conveyed on a supporting structure (24) through a treatment chamber (36), in which an operating atmosphere that has a higher temperature than the atmosphere outside the treatment chamber (36) is produced, and so both the item (12) and the supporting structure (24) heat up. After passing through the treatment chamber (36), the item (12) is conveyed on the supporting structure (24) through a cooling zone (38), in which the item (12) and the supporting structure (24) cool down. At least the supporting structure (24) is cooled down in the cooling zone (38) by the supporting structure (24) being subjected to a liquid or solid cooling medium (54). Also provided is an installation for the treatment of items, in particular vehicle bodies, in which a cooling device (46) comprises means (56) by means of which at least one supporting structure (24) can be subjected to a liquid or solid cooling medium (54).

IPC 8 full level

**B05B 13/02** (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP)

**B05B 13/02** (2013.01); **B05B 13/0285** (2013.01); **B05B 13/0452** (2013.01)

Citation (opposition)

Opponent : Dürr Systems AG

- US 5427618 A 19950627 - HADDIX DENNIS W [US], et al
- WO 9737771 A1 19971016 - DECOMA INT INC [CA]
- DE 19633741 A1 19980305 - SUNDWIGER EISEN MASCHINEN [DE]
- JP H0549061 U 19930629
- JP S60197275 A 19851005 - TOYOTA MOTOR CO LTD

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 102011110986 A1 20130221**; **DE 102011110986 B4 20130314**; EP 2744601 A1 20140625; EP 2744601 B1 20190703; ES 2746903 T3 20200309; HU E045812 T2 20200128; PL 2744601 T3 20191231; WO 2013023757 A1 20130221

DOCDB simple family (application)

**DE 102011110986 A 20110818**; EP 12743906 A 20120808; EP 2012003376 W 20120808; ES 12743906 T 20120808; HU E12743906 A 20120808; PL 12743906 T 20120808