

Title (en)

Method and device for UV curing

Title (de)

Verfahren und Vorrichtung zum UV-Härten

Title (fr)

Procédé et dispositif de durcissement par rayonnement UV

Publication

EP 2696155 B1 20150429 (DE)

Application

EP 12005745 A 20120807

Priority

EP 12005745 A 20120807

Abstract (en)

[origin: EP2696155A1] The method involves enclosing an internal cavity (6) which is partly defined by a circumferential wall (7). A channel-like passage (5) is extended from the cavity through the wall to outside. The UV coated workpiece (1) is held with respect to the access aperture (8) of cavity. The aperture is covered with the lid elements (14,20) by leaving the passage open. An inert gas is introduction into the cavity over lid element (20) and the passage is purged with inert gas. The coating material in passage is irradiated with an UV-radiation, after purging passage with inert gas. An independent claim is included for device for curing UV coated workpiece.

IPC 8 full level

F26B 3/28 (2006.01); **F26B 21/14** (2006.01)

CPC (source: EP)

F26B 3/283 (2013.01); **F26B 21/14** (2013.01)

Cited by

US10180248B2

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)

EP 2696155 A1 20140212; **EP 2696155 B1 20150429**; ES 2542639 T3 20150807; WO 2014023493 A1 20140213

DOCDB simple family (application)

EP 12005745 A 20120807; EP 2013064230 W 20130705; ES 12005745 T 20120807