

Title (en)
INSULATION DEVICE AND COATING SYSTEM COMPRISING SAID INSULATION DEVICE

Title (de)
ISOLATIONSEINRICHTUNG SOWIE BESCHICHTUNGSSYSTEM HIERMIT

Title (fr)
DISPOSITIF D'ISOLATION ET SYSTÈME DE REVÊTEMENT LE COMPORTANT

Publication
EP 3703865 A1 20200909 (DE)

Application
EP 18721358 A 20180427

Priority
• DE 102017111823 A 20170530
• EP 2018060933 W 20180427

Abstract (en)
[origin: WO2018219566A1] The invention relates to an insulation device (100) for a coating system (10) for coating objects. The coating system (10) comprises an electrostatically operating application apparatus having a dispensing device (19), by means of which a coating material can be dispensed, and having at least one storage container (32) for coating material, which storage container is connected to an inlet valve device (22) by means of an inlet line and to the dispensing device by means of a supply line (36). The insulation device (10) comprises a main body (120) made of an electrically insulating material, having a channel (104) for a clearing body (102) movable in the channel, and comprises at least one delivery line. The channel (104) has an inner wall, along which the clearing body (102) can be moved. The clearing body has an electrically insulating material and can be moved between a parking position and an insulation position in such a way that the inner wall is freed of material, in order to form an electrical insulation section between the storage container (32) and the inlet valve device (22). According to the invention, the inner wall has a vitreous material. The invention further relates to a coating system (10) having such an insulation device (100) and to a method for producing such an insulation device.

IPC 8 full level
B05B 5/025 (2006.01); **B05B 5/00** (2006.01); **B05B 5/04** (2006.01); **B05B 5/16** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP)
B05B 5/1633 (2013.01); **B05B 5/1675** (2013.01); **B05B 12/1481** (2013.01); **B05B 5/04** (2013.01)

Citation (search report)
See references of WO 2018219566A1

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)
WO 2018219566 A1 20181206; DE 102017111823 A1 20181206; EP 3703865 A1 20200909

DOCDB simple family (application)
EP 2018060933 W 20180427; DE 102017111823 A 20170530; EP 18721358 A 20180427