

Title (en)
A plant for spray painting

Title (de)
Anlage zur Spritzlackierung

Title (fr)
Installation de peinture par pulvérisation

Publication
EP 2933024 A1 20151021 (EN)

Application
EP 14425042 A 20140414

Priority
EP 14425042 A 20140414

Abstract (en)
A plant for spray painting, comprising a device (10) which provides atomizing air to a plurality of series-connected mixed-air painting spray guns, i.e. having two separate piping for paint and air and able to simultaneously eject air and paint during the painting operation; the device (10) is able to draw air at an input (11) and to provide atomizing air at an output (12), to which said painting spray guns are connected, and includes a circuit for conditioning air at said input (11), which has a first pipe (18), along which one air filtering stage (19) is installed; a probe (20) for controlling the air flow, means (21) for heating air at a given operating temperature and a air de-ionisation system (22) are placed downstream said filtering stage (19).

IPC 8 full level
B05B 5/00 (2006.01); **B05B 5/16** (2006.01); **B05B 7/24** (2006.01)

CPC (source: EP)
B05B 5/001 (2013.01); **B05B 5/1683** (2013.01); **B05B 7/2491** (2013.01); **B05B 7/0081** (2013.01)

Citation (search report)

- [A] EP 1867392 A2 20071219 - APO GMBH MASSENKLEINTEILBESCHI [DE]
- [A] DE 202012012185 U1 20140325 - MAYER THOMAS [DE]
- [A] US 4114810 A 19780919 - MASUDA SENICHI

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WO2024127438A1

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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)
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