

Title (en)
EQUIPMENT FOR THE ENAMELING OF MANUFACTURED ARTICLES

Title (de)
AUSRÜSTUNG ZUM EMAILLIEREN HERGESTELLTER GEGENSTÄNDE

Title (fr)
ÉQUIPEMENT POUR L'ÉMAILLAGE DES ARTICLES MANUFACTURÉS

Publication
EP 4098374 A1 20221207 (EN)

Application
EP 22185382 A 20181214

Priority

- EP 22185382 A 20181214
- EP 18842728 A 20181214
- IB 2018060123 W 20181214

Abstract (en)
The equipment (1) for the enameling of manufactured articles, comprises: an internally hollow container (2) for the collection of enamel to be applied on a manufactured article (M), where the container (2) is provided with at least one group (3) of through orifices (13) for the outflow of the enamel; at least one roller (4) housed out of axis inside the container (2) and operable in rotation around a relevant axis (X), where the volume interposed between the inner walls of the container (2) and the roller (4) defines a containment chamber (8) of the enamel, the orifices (13) protruding inside the containment chamber (8); and where the roller (4) is provided with at least one set (5) of protrusions (15) adapted to open and close the orifices (13) during the rotation of the roller itself to allow and prevent respectively the enamel from flowing out of the container (2).

IPC 8 full level
B05C 5/02 (2006.01)

CPC (source: EP)
B05C 5/0233 (2013.01); **B28B 11/044** (2013.01); **B28B 11/047** (2013.01); **B28B 17/0081** (2013.01); **B05C 5/0245** (2013.01)

Citation (applicant)

- US 2003230647 A1 20031218 - PUFFE WOLFGANG [DE]
- DE 4416747 A1 19951116 - SCHMID GMBH & CO GEB [DE]
- US 2003023064 A1 20030130 - WALKE D WADE [US], et al
- WO 2017209926 A1 20171207 - 3M INNOVATIVE PROPERTIES CO [US]

Citation (search report)

- [XA] WO 2017209926 A1 20171207 - 3M INNOVATIVE PROPERTIES CO [US]
- [A] US 6464785 B1 20021015 - PUFFE WOLFGANG [DE]
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Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2020121050 A1 20200618; EP 3894092 A1 20211020; EP 4098373 A1 20221207; EP 4098374 A1 20221207; EP 4338852 A2 20240320; EP 4338852 A3 20240612

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IB 2018060123 W 20181214; EP 18842728 A 20181214; EP 22185374 A 20181214; EP 22185382 A 20181214; EP 24151459 A 20181214