

Title (en)

DEVICE FOR THE POLYMERIZATION OF INKS AND/OR PAINTS IN AN INERT ATMOSPHERE

Title (de)

VORRICHTUNG ZUR POLYMERISATION VON TINTEN UND/ODER FARBEN IN INERTER ATMOSPHERE

Title (fr)

DISPOSITIF DE POLYMERISATION D'ENCRES ET/OU PEINTURES DANS UNE ATMOSPHERE INERTE

Publication

EP 3370969 A1 20180912 (EN)

Application

EP 16822523 A 20161102

Priority

- IT UB20155248 A 20151103
- IT UB20159365 A 20151222
- IB 2016056587 W 20161102

Abstract (en)

[origin: WO2017077460A1] A device (1) for the polymerization of inks and/or paints, comprises a polymerization chamber (2) having an inlet slot (3) for inserting a printed and/or painted support (S) and an outlet slot (4) for ejecting the support (S); filling means (7) associated with the chamber (2) for introducing inert gas into the chamber (2); radiation means (8) associated with the chamber (2) for radiating the support (S) with electromagnetic radiation and causing the polymerization of a paint and/or ink layer present on the support (S); a first movement member (19) of the inert gas placed close to the inlet slot (3) for moving the inert gas from the interior of the chamber (2) towards the inlet slot (3).

IPC 8 full level

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CPC (source: EP)

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See references of WO 2017077460A1

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