

Title (en)

COATING DEVICE AND METHOD FOR COATING CYLINDRICAL WORKPIECES

Title (de)

BESCHICHTUNGSEINRICHTUNG UND VERFAHREN ZUR BESCHICHTUNG VON ZYLINDRISCHEN HOHLKÖRPERN

Title (fr)

DISPOSITIF DE REVÊTEMENT ET PROCÉDÉ DE REVÊTEMENT DE CORPS CREUX CYLINDRIQUES

Publication

EP 3539677 B1 20200624 (DE)

Application

EP 18161893 A 20180315

Priority

EP 18161893 A 20180315

Abstract (en)

[origin: US2019283068A1] Coating apparatus for coating cylindrical hollow bodies, having a machine frame and a workpiece rotary table which is equipped with a plurality of holding mandrels mounted rotatably on the workpiece rotary table, and having a coating station arranged on the machine frame, wherein the coating station includes a rotatably mounted coating roller, wherein axes of rotation of the holding mandrels and an axis of rotation of the coating roller are aligned parallel to one another, wherein the coating roller has a coating region and a free-wheeling region on a circumferential surface, the coating region being designed as a circular cylinder segment with a constant circular radius coaxial with the axis of rotation of the coating roller, and the free-wheeling region being formed from surface sections which each have a distance from the axis of rotation of the coating roller which is smaller than the circular radius.

IPC 8 full level

B05C 1/02 (2006.01); **B05C 13/02** (2006.01)

CPC (source: CN EP US)

B05C 1/022 (2013.01 - CN EP US); **B05C 5/0241** (2013.01 - US); **B05C 13/025** (2013.01 - CN EP US); **B05D 1/28** (2013.01 - US); **B05C 1/0808** (2013.01 - EP US)

Cited by

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