

Title (en)

PLANT FOR THE PRESSURE SLIP CASTING OF HYGIENIC-SANITARY ARTICLES

Title (de)

ANLAGE FÜR DEN DRUCKSCHLICKERGUSS VON HYGIENE- BZW. SANITÄRARTIKELN

Title (fr)

INSTALLATION POUR LA COULÉE EN BARBOTINE SOUS PRESSION D'ARTICLES HYGIÉNIQUES

Publication

**EP 2788159 B1 20160323 (EN)**

Application

**EP 12813444 A 20121204**

Priority

- IT MO20110319 A 20111207
- IB 2012002578 W 20121204

Abstract (en)

[origin: WO2013084044A1] The plant (1) for the pressure slip casting of hygienic-sanitary articles comprises: a base framework (3) with a first bearing structure (5), a second bearing structure (6) and an intermediate bearing structure (7) aligned along a substantially horizontal longitudinal direction (D); - a guide longitudinal structure (8, 9) which is fitted on top of the bearing structures (5, 6, 7), extends along the longitudinal direction (D) and is split into: a first portion (8), arranged between the first bearing structure (5) and the intermediate bearing structure (7), and a second portion (9), arranged between the second bearing structure (6) and the intermediate bearing structure (7); a plurality of moulds (10, 11), hanging sliding from the guide longitudinal structure (8, 9) and moving longitudinally between a work configuration, wherein the moulds (10, 11) are arranged in a pack, each mould (10, 11) and the next defining an inner cavity for the pressure slip casting of ceramic material and the forming of hygienic-sanitary articles (2), and a discharge configuration, wherein the moulds (10, 11) are reciprocally moved away for the discharge of the hygienic-sanitary articles (2), the moulds (10, 11) being split into: a first group (10) of moulds moving along the first portion (8) of the guide longitudinal structure (8, 9), and a second group (11) of moulds moving along the second portion (9) of the guide longitudinal structure (8, 9); pressing means (36) suitable for pressing longitudinally the moulds (10, 11) one against the other in work configuration; - pressure feeding means of the ceramic material inside the moulds (10, 11) in work configuration; the first group (10) of moulds being positionable in discharge configuration when the second group (11) of moulds is in work configuration and the second group (11) of moulds being positionable in discharge configuration when the first group (10) of moulds is in work configuration.

IPC 8 full level

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CPC (source: EP)

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