

Title (en)

MODULAR MANUFACTURING MACHINE FOR THE PRODUCTION OF SMOKING ARTICLES OR PARTS OF SMOKING ARTICLES

Title (de)

MODULARE FERTIGUNGSMASCHINE ZUR HERSTELLUNG VON RAUCHARTIKELN ODER TEILEN VON RAUCHARTIKELN

Title (fr)

MACHINE DE FABRICATION MODULAIRE POUR LA PRODUCTION D'ARTICLES À FUMER OU DE PARTIES D'ARTICLES À FUMER

Publication

EP 4000425 A1 20220525 (EN)

Application

EP 21208093 A 20211112

Priority

IT 202000027263 A 20201113

Abstract (en)

A modular manufacturing machine (1) for the production of smoking articles or parts of smoking articles. The manufacturing machine (1) has a plurality of modules (2) which are placed one after another and beside one another and are arranged between an input station (S1), where a material or a semi-finished product enters the manufacturing machine (1) and an output station (S2), where a finished product leaves the manufacturing machine (1). The manufacturing machine (1) has: an input module (2), where the first input station (S1) is defined, an output module (2), where the output station (S2) is defined, and at least one processing module (2), which is interposed between the input module (2) and the output module (2) and is configured to process the material or the semi-finished product. A module (2) has a generator (9) designed to generate an operating means, in particular suction or water vapour. A module (2) has a socket (12) designed to receive, from the outside, energy in particular electrical energy or pneumatic energy in the form of compressed air. First connection members (10) are provided between two adjacent modules (2) to transmit the operating means between the two adjacent modules (2). Second connecting members (13) are provided between two adjacent modules (2) to transmit energy between the two adjacent modules (2).

IPC 8 full level

A24C 5/00 (2020.01); **A24C 5/14** (2006.01); **A24D 3/02** (2006.01)

CPC (source: EP)

A24C 5/00 (2013.01); **A24D 3/02** (2013.01)

Citation (applicant)

- EP 3639680 A1 20200422 - GD SPA [IT]
- EP 3586651 A2 20200101 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB], et al
- EP 3178332 A1 20170614 - GD SPA [IT]
- EP 1427299 A2 20040616 - HAUNI MASCHINENBAU AG [DE]
- EP 3053838 A1 20160810 - FOCKE & CO [DE]

Citation (search report)

- [Y] EP 3053838 A1 20160810 - FOCKE & CO [DE]
- [Y] US 2014261477 A1 20140918 - MUELLER PETER [US], et al
- [Y] WO 02051706 A1 20020704 - AAUTOMAG S R L [IT], et al

Designated contracting state (EPC)

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)

BA ME

DOCDB simple family (publication)

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