

Title (en)

MACHINE FOR THE PRODUCTION OF A CONTINUOUS ROD OF THE TOBACCO INDUSTRY

Title (de)

MASCHINE ZUR HERSTELLUNG EINES KONTINUIERLICHEN STABES DER TABAKVERARBEITENDEN INDUSTRIE

Title (fr)

MACHINE POUR LA PRODUCTION D'UN BOUDIN CONTINU DE L'INDUSTRIE DU TABAC

Publication

EP 3720304 A1 20201014 (EN)

Application

EP 18829991 A 20181205

Priority

- IT 201700140889 A 20171206
- IB 2018059655 W 20181205

Abstract (en)

[origin: WO2019111166A1] This invention relates to a machine for the production of a continuous rod (C) of the tobacco industry, comprising a forming station (2), adapted to receive a web of wrapping material (I) and a semi-finished product (P) of the tobacco industry. The station (2) comprises a forming beam (4), on which the semi-finished product (P) is disposed on top of the web (I), and is configured to progressively wrap the web (I) round the semi-finished product (P) to define a continuous rod (C). The machine also comprises a detecting station (3) located downstream of the forming beam (4) and comprising at least one electromagnetic detector (5) to detect one or more properties of the semi-finished product (P). The electromagnetic detector (5) is disposed in proximity to a stretch of the rod forming beam (4) upstream of the point where the web of wrapping material is completely wrapped round the semi-finished product (P) so that the electromagnetic detector (5) faces a surface of the semi-finished product (P) which is not yet wrapped completely in the web (I).

IPC 8 full level

A24C 5/34 (2006.01); **A24C 5/18** (2006.01)

CPC (source: EP)

A24C 5/1807 (2013.01); **A24C 5/3412** (2013.01)

Citation (search report)

See references of WO 2019111166A1

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)

WO 2019111166 A1 20190613; EP 3720304 A1 20201014; EP 3720304 B1 20220202; PL 3720304 T3 20220509

DOCDB simple family (application)

IB 2018059655 W 20181205; EP 18829991 A 20181205; PL 18829991 T 20181205