

Title (en)

Method for detecting the position of a pre-printed strip of material in a machine for the tobacco processing industry, and machine for the tobacco processing industry

Title (de)

Verfahren zur Erfassung der Lage eines vorbedruckten Materialstreifens in einer Maschine der Tabak verarbeitenden Industrie, und Maschine der Tabak verarbeitenden Industrie

Title (fr)

Procédé de détection de la position d'une bande de matière préimprimée dans une machine de l'industrie de traitement du tabac et machine de l'industrie de traitement du tabac

Publication

**EP 2727481 A3 20180103 (DE)**

Application

**EP 13190814 A 20131030**

Priority

DE 102012220155 A 20121106

Abstract (en)

[origin: EP2727481A2] The method involves detecting and identifying a periodically recurring print pattern on the continuously processed material strip (11) by an imaging sensor arrangement (14), where the position of the material strip is determined relative to the machine cycle. A freely defined pattern is used as the pattern to be identified, which is arranged in the outwardly visible area of the material strip on the finished product. An independent claim is included for a machine of the tobacco processing industry with a camera system.

IPC 8 full level

**A24C 5/47** (2006.01); **A24C 5/00** (2006.01); **A24C 5/34** (2006.01); **B65H 23/04** (2006.01); **B65H 35/04** (2006.01); **B65H 43/08** (2006.01)

CPC (source: EP)

**A24C 5/005** (2013.01); **A24C 5/473** (2013.01); **B65H 23/046** (2013.01); **B65H 35/04** (2013.01); **A24C 5/3412** (2013.01); **B65H 2511/413** (2013.01); **B65H 2553/42** (2013.01); **B65H 2801/54** (2013.01)

C-Set (source: EP)

**B65H 2511/413** + **B65H 2220/01**

Citation (search report)

- [Y] EP 2486811 A1 20120815 - BRITISH AMERICAN TOBACCO CO [GB]
- [Y] EP 1161888 A2 20011212 - HAUNI MASCHINENBAU AG [DE]
- [Y] EP 2128793 A1 20091202 - PEPPERL & FUCHS [DE]

Cited by

IT201800006360A1; EP2990366A1; EP3516969A1; IT201800001948A1; EP4101647A1; ES2961974A1; US9919443B2; WO2019244003A1; WO2022258255A1

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)

**EP 2727481 A2 20140507**; **EP 2727481 A3 20180103**; **EP 2727481 B1 20200701**; CN 103808261 A 20140521; CN 103808261 B 20190416; DE 102012220155 A1 20140508; PL 2727481 T3 20201130

DOCDB simple family (application)

**EP 13190814 A 20131030**; CN 201310612894 A 20131105; DE 102012220155 A 20121106; PL 13190814 T 20131030