

Title (en)
PERFORATION OF CIGARETTES

Title (de)
PERFORATION VON ZIGARETTEN

Title (fr)
PERFORATION DE CIGARETTES

Publication
EP 3586650 A1 20200101 (DE)

Application
EP 19191175 A 20111201

Priority
• DE 102010063523 A 20101220
• EP 11191478 A 20111201

Abstract (en)
[origin: EP2465366A2] A wrapping strip (110) is wrapped around the rod-shaped products such that a predetermined degree of ventilation is provided to the products. Several linear perforations (104) are formed in each of the products. The first perforation is extended from second perforation to form an array of perforations. The number of perforations formed in the first product corresponds to that of the other. The total length of perforations formed in the first product corresponds to that of the perforations formed in the second product. Independent claims are included for the following: (1) machine for manufacturing rod-shaped products such as cigarettes in tobacco processing industry; and (2) system for checking manufactured rod-shaped products such as cigarettes in tobacco processing industry.

Abstract (de)
Die Erfindung betrifft ein System zum Prüfen von hergestellten stabförmigen Produkten der Tabak verarbeitenden Industrie (7, 100), insbesondere Zigaretten (7, 100). Bei dem System ist vorgesehen, dass die von einem Umhüllungsstreifen (110) jeweils umwickelten stabförmigen Produkte (7, 100) auf ihrem Umhüllungsstreifen (110) mit einem Perforationsmuster mit einer vorbestimmten Anzahl von Perforationslöchern (104, 104a, 104b) jeweils versehen sind, so dass die stabförmigen Produkte (7, 100) mit einem vorbestimmten Ventilationsgrad bereitgestellt sind, mit einer Erkennungseinrichtung (231, 232) zum Erkennen der Perforationsmuster von einzelnen stabförmigen Produkten (7, 100).

IPC 8 full level
A24C 5/34 (2006.01); **A24C 5/60** (2006.01); **A24D 1/02** (2006.01); **A24D 3/04** (2006.01); **G01N 21/952** (2006.01)

CPC (source: EP US)
A24C 5/34 (2013.01 - EP US); **A24C 5/3412** (2013.01 - EP); **A24C 5/601** (2013.01 - EP); **A24C 5/606** (2013.01 - EP); **A24D 1/027** (2013.01 - EP); **A24D 3/043** (2013.01 - EP US)

Citation (applicant)
• DE 2750038 C2 19910214
• DE 2754104 A1 19790613 - HAUNI WERKE KOERBER & CO KG
• DE 4106127 A1 19920903 - HAUNI WERKE KOERBER & CO KG [DE]
• EP 1510142 A1 20050302 - HAUNI MASCHINENBAU AG [DE]

Citation (search report)
• [X] US 2002185141 A1 20021212 - HEIDE JIRKO [DE]
• [X] US 4766911 A 19880830 - OGLESBY ROBERT L [US]

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

DOCDB simple family (publication)
EP 2465366 A2 20120620; EP 2465366 A3 20151125; CN 102578706 A 20120718; CN 102578706 B 20160824;
DE 102010063523 A1 20120621; EP 3586650 A1 20200101

DOCDB simple family (application)
EP 11191478 A 20111201; CN 201110429281 A 20111220; DE 102010063523 A 20101220; EP 19191175 A 20111201