

Title (en)
CUTTING HEAD FOR CUTTING ROD-SHAPED PIECES IN MACHINES FOR MAKING SMOKERS' ARTICLES

Title (de)
SCHNEIDEVORRICHTUNG FÜR STABFÖRMIGE RAUCHARTIKEL

Title (fr)
TÊTE DE COUPE POUR ARTICLE À FUMER DE FORME ALLONGÉE

Publication
EP 3216355 B1 20191002 (EN)

Application
EP 17158964 A 20170302

Priority
IT UA20161489 A 20160310

Abstract (en)
[origin: EP3216355A1] A cutting head for cutting rod-shaped pieces in machines for the production of smokers' articles, comprises a circular blade (2) rotatable about an axis of rotation (X) and provided with a cutting portion (4) extending around its circular periphery and adapted to interfere, when the circular blade (2) is in a working position, with a transverse movement path of a rod-shaped piece of the tobacco industry in order to cut the piece into two parts, the cutting head (1) further comprising movement means for setting the circular blade in rotation about the axis of rotation, a blowing member (12), acting on at least one face of the circular blade (2) to direct a cooling air jet at the circular blade (2), and scraping means (6), located at least partly operatively downstream of the blowing member (12) and at least temporarily in contact with the cutting portion (4) during a working cycle of the circular blade (2) in order to mechanically remove any residues from the cutting portion (4).

IPC 8 full level
A24C 5/12 (2006.01); **A24C 5/28** (2006.01)

CPC (source: EP)
A24C 5/28 (2013.01); **B26D 1/14** (2013.01); **B26D 1/151** (2013.01); **B26D 1/245** (2013.01); **B26D 5/06** (2013.01); **B26D 7/088** (2013.01); **B26D 7/1854** (2013.01); **B26D 7/2635** (2013.01)

Citation (opposition)
Opponent : Hauni Maschinenbau GmbH
• WO 2014188305 A1 20141127 - GD SPA [IT]
• WO 2014123435 A2 20140814 - INT TOBACCO MACHINERY POLAND [PL]
• DE 10205146 A1 20030821 - HAUNI MASCHINENBAU AG [DE]
• EP 2666373 A2 20131127 - HAUNI MASCHINENBAU AG [DE]
• DE 102005031198 A1 20070111 - HAUNI MASCHINENBAU AG [DE]
• EP 2524608 A2 20121121 - HAUNI MASCHINENBAU AG [DE]
• DE 102009021573 A1 20101118 - HAUNI MASCHINENBAU AG [DE]
• CN 203181992 U 20130911 - LONG YAN TABACCO IND CO LTD
• DE 20103208 U1 20010531 - DIENES WERKE [DE]
• EP 2532477 A2 20121212 - WEBER MASCHB GMBH [DE]
• DE 1782447 A1 19720120 - PHILIP MORRIS INC

Cited by
CN116001006A

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 3216355 A1 20170913; EP 3216355 B1 20191002; IT UA20161489 A1 20170910; PL 3216355 T3 20200430

DOCDB simple family (application)
EP 17158964 A 20170302; IT UA20161489 A 20160310; PL 17158964 T 20170302