Title (en)

DEVICE FOR CUTTING A MOVING TOBACCO SHEET, PARTICULARLY A RECONSTITUTED TOBACCO SHEET

Publication

EP 0150473 A3 19880302 (DE)

Application

EP 84116079 A 19841221

Priority

AT 22084 A 19840124

Abstract (en)

[origin: EP0150473A2] In order to cut a moving tobacco sheet, particularly a reconstituted tobacco sheet, into pieces (12) whose width is less than the width of the sheet, a cutting roller is used which rotates about an axis arranged transversely to the direction of advance of the sheet. The cutting roller has at least one sawtooth-like cutter arrangement which interacts with an opposing cutter. Each of the cutting edges surrounding a cutting element of the cutter arrangement produces, in each working step, a non-linear cutting line (7') which, at two points set apart from each other, adjoins a section of the cut edge produced in at least one preceding working step. In this arrangement, one piece of the tobacco sheet is separated off in each case, and the cutting line (7') forms a section of a new cut edge. Preferably, one leg of each cut edge produced in a preceding working step extends in a linear manner in the direction of advance and is prolonged by a leg of the new cutting line (9'). <IMAGE>

IPC 1-7

A24B 7/04; A24B 3/14; B26D 3/18

IPC 8 full level

A24B 3/14 (2006.01); **A24B 7/04** (2006.01); **B26D 1/38** (2006.01)

CPC (source: EP US)

A24B 3/14 (2013.01 - EP US); **A24B 7/04** (2013.01 - EP); **B26D 1/385** (2013.01 - EP US)

Citation (search report)

- [A] FR 2242207 A1 19750328 - IMP GROUP LTD [GB]
- [A] DE 1116961 B 19611109 - ICI LTD
- [A] DE 2432418 A1 19750130 - LEESONA PLASTICS MACHINERY LTD
- [AD] DE 1532091 A1 19710812 - FT PUPLIC DIT SERVICE D EXPL I

Cited by

WO2016184674A1; CN107846961A; CN114868952A; CN108135247A; US11974594B2; WO2017025375A1; DE102015107971A1; WO2017089545A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0150473 A2 19850807; **EP 0150473 A3 19880302**; AT 379941 B 19860310; AT A22084 A 19850815; AU 3801085 A 19850801; AU 571047 B2 19880331; ZA 85569 B 19850925

DOCDB simple family (application)

EP 84116079 A 19841221; AT 22084 A 19840124; AU 3801085 A 19850123; ZA 85569 A 19850124