Title (en)

PRINTING UNIT FOR APPLYING PRINT MARKS ON A WRAPPING STRIP OF THE TOBACCO INDUSTRY

Title (de)

DRUCKWERK FÜR DAS AUFBRINGEN VON DRUCKMARKEN AUF EINEN UMHÜLLUNGSSTREIFEN DER TABAK VERARBEITENDEN INDUSTRIE

Title (fr)

ELEMENT D'IMPRESSION PERMETTANT D'APPOSER DES MARQUES D'IMPRESSION SUR UNE BANDE D'ENROBAGE DE L'INDUSTRIE DE TRANSFORMATION DU TABAC

Publication

EP 1397254 B1 20091118 (DE)

Application

EP 02760174 A 20020612

Priority

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- EP 0206412 W 20020612

Abstract (en)

[origin: US2004237981A1] A printing unit for applying print marks to a wrapping strip in a cigarette rope machine of the tobacco processing industry is provided. The printing unit includes at least one printing cylinder, a counter-pressure cylinder in contact with the at least one printing cylinder, and a fastening device adapted to jointly attach and detach the at least one printing cylinder and the counter-pressure cylinder to the cigarette rope machine.

IPC 8 full level

B41F 13/44 (2006.01); **B41F 17/10** (2006.01); **A24C 5/38** (2006.01); **B41F 13/004** (2006.01); **B41F 13/20** (2006.01); **B41F 17/13** (2009.01); **B41F 27/00** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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US 2004237981 A1 20041202; AT E448942 T1 20091215; AU 2002325830 A1 20030108; CN 101045363 A 20071003; CN 101045363 B 20130710; CN 1328045 C 20070725; CN 1518500 A 20040804; DE 10130225 A1 20030102; DE 50214006 D1 20091231; EP 1397254 A2 20040317; EP 1397254 B1 20091118; EP 2062485 A1 20090527; EP 2062485 A8 20090805; EP 2062485 B1 20140115; EP 2062485 B9 20140521; JP 2004530582 A 20041007; PL 202035 B1 20090529; PL 204061 B1 20091231; PL 364140 A1 20041213; WO 03000497 A2 20030103; WO 03000497 A3 20030501

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US 48133104 A 20040720; AT 02760174 T 20020612; AU 2002325830 A 20020612; CN 02812522 A 20020612; CN 200710102624 A 20020612; DE 10130225 A 20010622; DE 50214006 T 20020612; EP 0206412 W 20020612; EP 02760174 A 20020612; EP 08075921 A 20020612; JP 2003506716 A 20020612; PL 36414002 A 20020612; PL 38667402 A 20020612