

Title (en)
MARKING DEVICE, CIGARETTE ROD MAKING MACHINE AND MARKING METHOD

Title (de)
KENNZEICHNUNGSVORRICHTUNG, ZIGARETTENSTRANGMASCHINE UND KENNZEICHNUNGSVERFAHREN

Title (fr)
DISPOSITIF DE MARQUAGE, MACHINE POUR BOUDIN DE CIGARETTES ET PROCEDE DE MARQUAGE

Publication
EP 1771304 B1 20090415 (DE)

Application
EP 05753591 A 20050609

Priority
• EP 2005006220 W 20050609
• DE 102004032937 A 20040707

Abstract (en)
[origin: US2009174756A1] A marking device for marking an object moved in a direction of movement is disclosed. The marking device comprises at least two printing devices designed for producing a predetermined or pre-determinable pattern and for contactlessly imprinting the object with the patterns sequentially whereby forming a complete pattern consisting of the individual patterns. The disclosure also relates to a cigarette rod making machine and to a method for contactlessly marking a moving object.

IPC 8 full level
B41J 11/42 (2006.01); **B41F 17/13** (2009.01); **B41J 2/21** (2006.01); **B41J 11/00** (2006.01); **B41J 15/04** (2006.01)

CPC (source: EP US)
A24C 5/005 (2013.01 - EP US); **A24C 5/601** (2013.01 - EP US); **B41J 11/0085** (2013.01 - EP US); **B41J 11/42** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009174756 A1 20090709; AT E428569 T1 20090515; DE 102004032937 A1 20060126; DE 502005007099 D1 20090528; DK 1771304 T3 20090629; EP 1771304 A1 20070411; EP 1771304 B1 20090415; EP 2085239 A1 20090805; ES 2323509 T3 20090717; PL 1771304 T3 20090930; PT 1771304 E 20090427; WO 2006002742 A1 20060112

DOCDB simple family (application)
US 57165705 A 20050609; AT 05753591 T 20050609; DE 102004032937 A 20040707; DE 502005007099 T 20050609; DK 05753591 T 20050609; EP 05753591 A 20050609; EP 09005260 A 20050609; EP 2005006220 W 20050609; ES 05753591 T 20050609; PL 05753591 T 20050609; PT 05753591 T 20050609