

Title (en)

Printing device for a machine for producing products for the tobacco manufacturing industry

Title (de)

Druckwerk für eine Maschine zur Herstellung von Produkten der Tabak verarbeitenden Industrie

Title (fr)

Élément d'impression pour une machine destinée à fabriquer des produits en forme de tiges de l'industrie de traitement du tabac

Publication

EP 2644383 A3 20140820 (DE)

Application

EP 12193332 A 20121120

Priority

DE 102012204768 A 20120326

Abstract (en)

[origin: EP2644383A2] The printing element has a feeding device which is provided to continuously supply printing ink from a color reservoir to a color retainer roll (1). A nozzle unit is provided in a conveyance path of the printing ink from the ink reservoir to the color retainer roll. The printing ink is compressed and released to an intermediate memory over a nozzle orifice of the nozzle unit.

IPC 8 full level

A24C 5/38 (2006.01); **B41F 31/08** (2006.01)

CPC (source: EP)

A24C 5/38 (2013.01); **B41F 31/08** (2013.01); **B41P 2217/50** (2013.01)

Citation (search report)

- [A] EP 1747730 A1 20070131 - HAUNI MASCHINENBAU AG [DE]
- [XA] DE 3014904 A1 19811105 - HAUNI WERKE KOERBER & CO KG [DE]
- [XA] EP 1153746 A1 20011114 - JAPAN TOBACCO INC [JP]
- [A] EP 0844083 A1 19980527 - DECOUFLE SARL [FR]
- [A] EP 1415805 A1 20040506 - HAUNI MASCHINENBAU AG [DE]
- [AD] DE 102007030197 A1 20090102 - HAUNI MASCHINENBAU AG [DE]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2644383 A2 20131002; EP 2644383 A3 20140820; EP 2644383 B1 20171004; CN 103358682 A 20131023; CN 103358682 B 20170524; DE 102012204768 A1 20130926; EP 3254853 A1 20171213; PL 2644383 T3 20180228

DOCDB simple family (application)

EP 12193332 A 20121120; CN 201310099092 A 20130326; DE 102012204768 A 20120326; EP 17179302 A 20121120; PL 12193332 T 20121120