

Title (en)
PRINTING SYSTEM

Title (de)
DRUCKANLAGE

Title (fr)
DISPOSITIF D'IMPRESSION

Publication
EP 1526968 A1 20050504 (DE)

Application
EP 03747425 A 20030428

Priority
• DE 10219219 A 20020429
• EP 0304424 W 20030428

Abstract (en)
[origin: WO03093015A1] The invention relates to a printing system for imprinting caps, particularly screw caps, for containers, particularly bottles. According to the invention, the printing system is provided with a rotating big wheel that comprises mandrels, which are attached to the periphery of said wheel and which are provided for accommodating the caps, and with at least one printing mechanism for imprinting the caps on the outside, whereby the caps are also imprinted on the inside. The printing system is characterized in that each mandrel (113) of the rotating big wheel (2), this mandrel being provided for the inside printing, has a central longitudinal channel (14) and a tappet (15) that can be longitudinally displaced therein. In addition, the outer end of the tappet (15) supports a tampon (16), which fits inside the cap and is provided for receiving and applying ink.

IPC 1-7
B41F 17/16

IPC 8 full level
B41F 17/16 (2006.01)

CPC (source: EP)
B41F 17/16 (2013.01); **B41P 2217/53** (2013.01)

Citation (search report)
See references of WO 03093015A1

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

DOCDB simple family (publication)
WO 03093015 A1 20031113; AU 2003232214 A1 20031117; DE 10219219 A1 20031106; EP 1526968 A1 20050504

DOCDB simple family (application)
EP 0304424 W 20030428; AU 2003232214 A 20030428; DE 10219219 A 20020429; EP 03747425 A 20030428