

Title (en)  
EQUIPMENT FOR PRINTING ON CONTAINERS

Title (de)  
ANLAGE ZUM BEDRUCKEN VON BEHÄLTERN

Title (fr)  
SYSTEME SERVANT A IMPRIMER DES CONTENANTS

Publication  
**EP 2459385 B1 20131211 (DE)**

Application  
**EP 10740512 A 20100708**

Priority  
• DE 102009033810 A 20090718  
• EP 2010004162 W 20100708

Abstract (en)  
[origin: WO2011009536A1] The invention relates to equipment for printing on containers (B), such as bottles, having a printed design (D) on at least one printing machine having at least one print head (1), and is characterised in that the at least one print head (1) is automatically adjustable by means of an electrical controller. An adjustment value from the controller moves the print head (1) according to spatial co-ordinates and/or an angular position into a position that is determined or calculated by means of a measuring device having e.g. sensors from the surface contour and the position relative to the print head (1) of the container (B) to be printed upon.

IPC 8 full level  
**B41J 3/407** (2006.01); **B41J 3/54** (2006.01); **B41J 11/00** (2006.01)

CPC (source: EP US)  
**B41F 17/18** (2013.01 - US); **B41F 17/28** (2013.01 - US); **B41J 2/01** (2013.01 - US); **B41J 2/04505** (2013.01 - US);  
**B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US); **B41J 3/543** (2013.01 - EP US); **B41J 11/00214** (2021.01 - EP US);  
**B41J 11/002** (2013.01 - EP US)

Cited by  
DE102014225256A1; EP3040205A1; US9878533B2

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 SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102009033810 A1 20110127**; CN 102596579 A 20120718; CN 102596579 B 20150318; EP 2459385 A1 20120606;  
EP 2459385 B1 20131211; US 2012199021 A1 20120809; US 2016023459 A1 20160128; US 9090091 B2 20150728; US 9421760 B2 20160823;  
WO 2011009536 A1 20110127

DOCDB simple family (application)  
**DE 102009033810 A 20090718**; CN 201080036731 A 20100708; EP 10740512 A 20100708; EP 2010004162 W 20100708;  
US 201013384695 A 20100708; US 201514806784 A 20150723