

Title (en)  
DIGITAL THERMAL BINDER AND POWDER PRINTING

Title (de)  
DIGITALE WÄRMEBINDEVORRICHTUNG UND PULVERDRUCK

Title (fr)  
LIANT THERMIQUE NUMÉRIQUE ET IMPRESSION DE POUDRE

Publication  
**EP 2943348 A4 20160831 (EN)**

Application  
**EP 14737710 A 20140110**

Priority  
• SE 1350025 A 20130111  
• US 201361751418 P 20130111  
• SE 2014050023 W 20140110

Abstract (en)  
[origin: WO2014109703A1] The disclosure relates to a method of forming a digital print on a surface (2) by applying powder of dry ink (15) including colourants (7) on the surface, bonding a part of the dry ink (15) powder to the surface(2) by a digital heating print head (80) such that the digital print is formed by the bonded dry ink colourants (7) and removing non- bonded dry ink (15) from the surface (2).

IPC 8 full level  
**B41M 5/398** (2006.01); **B41J 2/32** (2006.01); **B41M 5/025** (2006.01)

CPC (source: EP)  
**B28B 11/001** (2013.01); **B28B 11/044** (2013.01); **B28B 11/048** (2013.01); **B41J 2/475** (2013.01); **B41M 5/398** (2013.01)

Citation (search report)  
• [XA] EP 1460108 A1 20040922 - DEGUSSA [DE]  
• [XA] DE 102010036454 A1 20120119 - FRITZ EGGER GMBH & CO OG [AT]  
• [E] WO 2014017972 A1 20140130 - FLOOR IPTECH AB [SE]  
• See also references of WO 2014109703A1

Cited by  
EP4201689A1; US11865578B2

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

DOCDB simple family (publication)  
**WO 2014109703 A1 20140717**; CN 105026172 A 20151104; CN 105026172 B 20171205; EP 2943348 A1 20151118; EP 2943348 A4 20160831; EP 2943348 B1 20191016; EP 3616936 A1 20200304

DOCDB simple family (application)  
**SE 2014050023 W 20140110**; CN 201480012305 A 20140110; EP 14737710 A 20140110; EP 19203027 A 20140110