Title (en)
PRINTHEAD HAVING POLYSILSESQUIOXANE COATING ON INK EJECTION FACE

Title (de)
DRUCKKOPF MIT POLYSILSESQUIOXANBESCHICHTUNG AUF DER TINTENAUSSTOSSFLÄCHE

Title (fr)
TÊTE D'IMPRESSION COMPRENANT UN REVÊTEMENT DE POLYSILSESQUIOXANE SUR LE CÔTÉ D'ÉJECTION D'ENCRE

Publication
EP 2490898 B1 20160713 (EN)

Application
EP 09847455 A 20090724

Priority
AU 2009000936 W 20090724

Abstract (en)
[origin: WO2011009153A1] A printhead having an ink ejection face coated with a hydrophobic polymeric material. The polymeric material is comprised of a polysilsesquioxane, such as poly(methylsilsesquioxane) or poly(phenylsilsesquioxane). The printhead is compatible with various printhead maintenance operations requiring contact with the ink ejection face.

IPC 8 full level
B41J 2/16 (2006.01); **B41J 2/14** (2006.01); **B41J 2/165** (2006.01); **B41J 2/20** (2006.01)

CPC (source: EP KR)
B41J 2/1433 (2013.01 - EP); **B41J 2/1606** (2013.01 - EP); **B41J 2/162** (2013.01 - EP); **B41J 2/1628** (2013.01 - EP); **B41J 2/1629** (2013.01 - EP); **B41J 2/1631** (2013.01 - EP); **B41J 2/165** (2013.01 - KR); **B41J 2/16535** (2013.01 - EP); **B41J 2/17** (2013.01 - KR); **B41J 2/20** (2013.01 - KR)

Designated contracting state (EPC)
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)
WO 2011009153 A1 20110127; AU 2009350310 A1 20130207; AU 2009350310 B2 20130905; CA 2760206 A1 20110127; CA 2760206 C 20140916; CN 102470675 A 20120523; CN 102470675 B 20141112; EP 2490898 A1 20120829; EP 2490898 A4 20140723; EP 2490898 B1 20160713; JP 2012529383 A 20121122; JP 5608737 B2 20141015; KR 101356333 B1 20140127; KR 20120037015 A 20120418; SG 176101 A1 20111229

DOCDB simple family (application)
AU 2009000936 W 20090724; AU 2009350310 A 20090724; CA 2760206 A 20090724; CN 200980160209 A 20090724; EP 09847455 A 20090724; JP 2012514288 A 20090724; KR 20127004240 A 20090724; SG 2011084365 A 20090724