

Title (en)
Printable film

Title (de)
Bedruckbare Folie

Title (fr)
Film imprimable

Publication
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Application
EP 10152940 A 20100208

Priority
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Abstract (en)
The present application discloses a printable film comprising a polymeric film having opposite first and second major sides, the surface of the polymeric film on the first major side defining an ink receptive surface on one side of the printable film and the second major side having an adhesive layer, wherein the ink receptive surface is defined by an ink receptive layer comprising (a) a copolymer of an olefin and a hydrocarbon ester of an acrylic acid and (b) an inorganic filler and wherein the ink receptive layer is oriented only along its machine direction or is not oriented.

IPC 8 full level
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Citation (applicant)
• US 2003235681 A1 20031225 - SEBASTIAN JOHN M [US], et al
• WO 03002353 A1 20030109 - 3M INNOVATIVE PROPERTIES CO [US]
• US 2003224150 A1 20031204 - LUDWIG BRET W [US], et al
• US 2003107635 A1 20030612 - KINNING DAVID J [US], et al
• US RE24906 E 19601213
• US 4833179 A 19890523 - YOUNG CHUNG I [US], et al
• US 5209971 A 19930511 - BABU GADDAM N [US], et al
• US 2736721 A 19560228
• US 5461134 A 19951024 - LEIR CHARLES M [US], et al
• US 4391687 A 19830705 - VESLEY GEORGE F
• US 4330590 A 19820518 - VESLEY GEORGE F
• US 5112882 A 19920512 - BABU GADDAM N [US], et al
• US 3939328 A 19760217 - DAVIS GUY E
• US 3954692 A 19760504 - DOWNEY RAYMOND E
• US 5019071 A 19910528 - BANY STEPHEN W [US], et al
• US 6113679 A 20000905 - ADKINS RONALD R [US], et al
• "Encyclopedia of Polymer Science and Engineering", vol. 13, 1988, WILEY-INTERSCIENCE PUBLISHERS
• "Encyclopedia of Polymer Science and Technology", vol. 1, 1964, INTERSCIENCE PUBLISHERS
• "Handbook of Pressure-Sensitive Adhesives", 1989, VON NOSTRAND REINHOLD
• C.W. MACOSKO, RHEOLOGY: PRINCIPLES, MEASUREMENTS, AND APPLICATIONS, pages 85

Citation (search report)
• [ID] WO 03002352 A1 20030109 - 3M INNOVATIVE PROPERTIES CO [US]
• [Y] US 2002001697 A1 20020103 - XING LINLIN [US], et al
• [Y] US 5908723 A 19990601 - MALHOTRA SHADI L [CA], et al
• [YD] US 2003235681 A1 20031225 - SEBASTIAN JOHN M [US], et al
• [A] WO 0073082 A1 20001207 - 3M INNOVATIVE PROPERTIES CO [US]
• [A] US 2008105371 A1 20080508 - SMITH REBECCA L [US], et al

Cited by
EP2578412A1; ES2579878A1; CN113195237A; US9796191B2; US10406850B2; US10611176B2; WO2013052624A1; WO2016153966A3

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