

Title (en)
AN IMPROVED FOUNTAIN SOLUTION

Publication
EP 0091601 A3 19840201 (EN)

Application
EP 83103080 A 19830328

Priority
US 36309882 A 19820329

Abstract (en)
[origin: EP0091601A2] An improved fountain solution suitable for use in a lithographic offset printing press which solution contains from about 0.5 to about 10 percent by volume of an isopropanol replacement, and between 0.005 and about 1 percent by weight of a water-soluble/miscible polymer selected from hydroxyethyl cellulose, hydroxypropyl cellulose, methylcellulose, hydroxypropyl methylcellulose, hydroxybutyl methylcellulose, poly (ethylene oxide), poly(acrylamide), poly(vinyl alcohol), guar gums, acid thickening polymers and chemically modified gums. The fountain solution provides increased viscosity over current fountain solutions which results in improved operating latitude and decrease of problems associated with isopropanol replacements.

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IPC 8 full level
C09D 11/00 (2006.01); **B41N 3/08** (2006.01); **C09D 11/08** (2006.01)

CPC (source: EP)
B41N 3/08 (2013.01)

Citation (search report)
• [X] EP 0034788 A1 19810902 - HOECHST AG [DE]
• [X] US 3625715 A 19711207 - NASCA SALVATORE
• [X] DE 2216419 A1 19721012
• [AP] EP 0066176 A1 19821208 - UNION CARBIDE CORP [US]

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DE4401619A1; US4970138A; US5064749A; EP0522435A1; US7276109B2; EP0391159A3; US5006168A; EP0416861A1; US5163999A; EP0516372A1; US5221330A; GB2412086A; GB2412086B; WO9211141A1; WO2006056439A1; WO2004058504A1

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