

Title (en)
METHOD FOR THE MANUFACTURE OF A NON-WOVEN FIBROUS WEB

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EP 0150777 A3 19880810 (EN)

Application
EP 85100470 A 19850117

Priority
• US 57428784 A 19840126
• US 57843184 A 19840209

Abstract (en)
[origin: EP0150777A2] Apparatus and method for the manufacture of a non-woven fibrous web such as paper from a dispersion of fibers in a foamed liquid in which fiber furnish in a foamed liquid comprising a solution of surfactant in water is discharged from a headbox into the nip of a twin forming wire prior to its passage over a forming roll. The watersurfactant solution is drained from the web and recycled as a foamed liquid containing about 65% air in the form of bubbles of from about 20 to about 200 microns in diameter. The foamed liquid is directed into a mix tank wherein a slurry containing fibers at 20% to 55% solids is added and mixed. The slurry is pumped to the headbox and into the nip of the forming wires.

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D21F 9/00 (2006.01); **D21F 11/00** (2006.01)

CPC (source: EP)
D21F 9/003 (2013.01); **D21F 11/002** (2013.01)

Citation (search report)
• [XPD] US 4443297 A 19840417 - CHESHIRE JAMES O [US], et al
• [AP] EP 0101319 A2 19840222 - JAMES RIVER DIXIE NORTHERN INC [US]
• [A] LU 48831 A1 19661214

Cited by
EP0495637A1; EP0554010A1; TR28749A; US11255051B2; US11591755B2; WO0142564A1; US11313061B2; US11788221B2

Designated contracting state (EPC)
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