

Title (en)  
TWO-LAYERED SIEVE FOR THE SHEET FORMING ZONE OF A PAPER MACHINE

Publication  
**EP 0048962 B2 19880316 (DE)**

Application  
**EP 81107606 A 19810924**

Priority  
DE 3036409 A 19800926

Abstract (en)  
[origin: ES8308379A1] A two-ply screen for the sheet forming zone of a papermaking machine comprises weft filaments arranged in pairs one over the other and warp filaments with all the warp filaments being woven into the top layer of the screen. Only part of the warp filaments are woven also into the bottom layer of the screen. The number of warp filaments in the top fabric layer serving to form the paper sheet is twice that contained in the bottom layer. The lower weft filaments are at least 20% and preferably at least 30% thicker than the warp filaments.

IPC 1-7  
**D03D 1/00**

IPC 8 full level  
**D21F 1/10** (2006.01); **D03D 1/00** (2006.01); **D03D 11/00** (2006.01); **D21F 1/00** (2006.01)

CPC (source: EP US)  
**D21F 1/0036** (2013.01 - EP US); **Y10S 162/90** (2013.01 - EP US)

Cited by  
EP0120337A1; EP0698682A1; US5937914A; EP0131940A3; US6112774A; US4564052A; US5983953A; US6073661A; US6123116A; US6145550A; EP0232708A1; US4789009A; AT398091B; EP0245851A3; US5894867A; EP0085363A1; US5899240A; AT399353B; AU2014314113B2; US10953355B2; US6244306B1; US6585006B1; US6860969B2; US6745797B2; US6179013B1; US6253796B1; US10953354B2; US6837277B2; WO9303221A1; WO2015028628A1; WO2015028624A1

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