

Title (en)
Process for the manufacture of paper web, and use of the paper web

Title (de)
Verfahren zur Herstellung einer Papierbahn und Ihre Verwendung

Title (fr)
Procédé de fabrication d'une bande de papier et son utilisation

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Application
EP 98108673 A 19980513

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Abstract (en)
The present invention relates to a process for the manufacture of a paper web comprising the steps of: (a) providing an aqueous dispersion of papermaking fibres; (b) forming an embryonic web (120) of the papermaking fibres from the dispersion on a first foraminous member (11); (c) transferring the embryonic web (120) to a second foraminous member (19), the second foraminous member (19) comprising an embryonic web-contacting surface comprising a macroscopically monoplanar, patterned, continuous network surface defining within the second foraminous (19) member a plurality of discrete, isolated, deflection conduits (16); (d) removing water from the embryonic web on the second foraminous member (19) to form an intermediate web (122), wherein the step of water removal deflects the papermaking fibres in the embryonic web into the deflection conduits (16) and whereby water is removed from the embryonic web through the conduits (16) to form an intermediate web (122) of the papermaking fibres; (e) optionally, drying the intermediate web; wherein the average density of the deflection conduits (16) is greater than 0.6 conduits per square millimeter (about 400 conduits per square inch), and by the further step of embossing the dried paper web (124) to form a pattern of embossed sites, the pattern of embossed sites having a density of at least 0.03 embossed sites per square millimeter (about 20 embossed sites per square inch). The present invention also relates to paper webs produced by this process, and to improved cleaning performance of those paper webs in use. <IMAGE>

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• [A] EP 0668152 A1 19950823 - KIMBERLY CLARK CO [US]
• [DA] EP 0140404 A1 19850508 - PROCTER & GAMBLE [US]

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EP1233107A1; US7407560B2; US7744531B2; WO2007144811A1; WO02066740A1

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