

Title (en)

Papermaking fabric

Title (de)

Papiermaschinenbespannung

Title (fr)

Toile pour machine à papier

Publication

EP 1619295 A2 20060125 (DE)

Application

EP 05104996 A 20050608

Priority

DE 102004035522 A 20040722

Abstract (en)

The covering comprises woven layers joined by connecting threads. In each connecting point or repeating connection unit, at least one connection is irregularly-arranged relative to the others. A variety of patterns having departures from regularity is described. A connecting point or unit may e.g. depart from or be offset from, a regular diagonal line of connections. Successive sets of connections on diagonal lines, may be inclined at differing angles. Up to 20%, 30%, 50% and most especially 70% of the connections in repeating units, do not follow a regular pattern. The smallest repeating unit is formed by 24, 26, 28, 30, 40 or more warp threads. At most 5 or 7 connecting threads are used. The connecting threads run in the warp and/or weft direction. The woven pattern formed on the paper side, is advanced by weaving the connecting threads with the warps or wefts on that side. The paper-side weave is a base weave or drain, preferably a canvas weave. Connecting threads are arranged in pairs.

IPC 8 full level

D21F 1/00 (2006.01)

CPC (source: EP US)

D21F 1/0045 (2013.01 - EP US)

Citation (applicant)

DE 19732879 A1 19990204 - SCA HYGIENE PAPER GMBH [DE]

Cited by

EP1816255A1; EP1936025A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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