

Title (en)
ABRASIVE PRODUCTS COMPRISING IMPREGNATED WOVEN FABRIC AND ABRASIVE PARTICLES

Title (de)
GEWEBE UND SCHLEIFMITTEL DAMIT

Title (fr)
TISSU ET PRODUITS ABRASIFS LE CONTENANT

Publication
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Application
EP 19712211 A 20190325

Priority
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• EP 2019057433 W 20190325

Abstract (en)
[origin: EP3546628A1] A woven fabric comprising: a) A first layer of first uncrimped weft multifilaments (301-308) b) a second layer of second uncrimped weft multifilaments (309-316); wherein for each of the first uncrimped weft multifilaments (301-308) there is one corresponding second uncrimped weft multifilament (309-316), and vice versa, to form successive multifilament pairs (301/309, 302/310, 303/311, 304/312, 305/313, 306/314, 307/315, 308/316) of first and second uncrimped weft multifilaments; c) crimped warp filaments (41-44) having four different weave types c1 - c4, but each weave type consisting of entwining around first uncrimped weft multifilaments; passing between first and second uncrimped weft multifilaments; entwining around second uncrimped weft multifilaments; and passing again between first and second uncrimped weft multifilaments; d) uncrimped warp filaments (4) passing between first (301-308) and second (309-316) uncrimped weft multifilaments of all multifilament pairs (301/309, 302/310, 303/311, 304/312, 305/313, 306/314, 307/315, 308/316); and optionally furthermore e) crimped antistatic warp filaments having one of the weave types c1-c4; provided that crimped warp filaments of all four weave types c1, c2, c3 and c4 defined above are present; wherein the fabric does not comprise any other crimped warp filaments, besides the crimped warp filaments (41-44) and optional crimped antistatic warp filaments. This fabric has good resistance to shear delamination of an impregnation 6 and/or a top layer 7 impregnated into the fabric, in either warp or weft direction, or both. Accordingly the fabric can be used in abrasive products such as abrasive belts, pads or disks.

IPC 8 full level
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