

Title (en)

Shapable and heat stabilisable textile loop pile fabric

Title (de)

Verformbare, hitzestabilisierbare textile Schlingenpolware

Title (fr)

Etoffe textile à poil de boucles déformable et stabilisable à chaud

Publication

EP 0728859 B1 20000531 (DE)

Application

EP 96101887 A 19960209

Priority

DE 19506038 A 19950222

Abstract (en)

[origin: EP0728859A1] The characteristic features in a lopped material comprising a stitched or woven backing with bonded-in loop-forming yarns are that: (i) the backing contains a multi-filament hybrid yarn of 2 types of filament (A) and (B), together with 0-40 wt.% accompanying filaments (C) where (A) is texturised and of m.pt. above 180 (esp. above 250) degrees C and (B) is of m.pt. below 220 (esp. below 180) degrees C such that the m.pt. of (B) is at least 20 (esp., at least 80) degrees C below that of (A), (ii) the wt. ratio (A):(B) is 20:80-80:20 esp. 40:60-60:40 and (iii) the loop length of the bonded-in yarns is 1-4 mm. and these yarns are multi-filament yarns of total titre 30-200 dtex and single titre 5-25 dtex and/or mono-filaments of 20-70 dtex. Pref. filaments (A) have 3-50 (esp. 8-30)% self-crimp and m.pt. 240-280 degrees C, while (B) have m.pt. 150-200 degrees C. The hybrid yarns in the base have a total titre of 80-500 (esp. 160-230) dtex, with (A) having individual titre 0.5-15 (esp. 2-10) dtex and (B) 1-20 (esp. 3-15) dtex. The backing and bonded-in yarns are pref. of the same polymer class, esp. both polyesters and the bonded-in, loop-forming yarns have m.pt. at least 20 (esp. at least 80) degrees C above the m.pt. of backing hybrid yarn component (B)

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IPC 8 full level

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Cited by

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