

Title (en)
Textile substrate

Title (de)
Textilsubstrat

Title (fr)
Matière textile

Publication
EP 1127969 B1 20040421 (DE)

Application
EP 01102462 A 20010203

Priority
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Abstract (en)
[origin: US2001024918A1] A textile substrate for seat coverings, a velour, a woven fabric, a single-thread knitted fabric or a multi-thread knitted fabric, especially raschel or malimo, contains about 50 wt % of wool and about 50 wt % of viscose rayon. The substrate can be made exclusively of wool and viscose rayon, but can also contain other constituents such as metal threads and plastic fibers, such as polyesters. The substrate can be formed as a woven fabric, for example, which comprises in the warp (1) a mixed yarn of 30 to 70 wt % of wool and 30 to 70 wt % of viscose rayon and in the weft (2) a mixed yarn of 30 to 70 wt % of wool and 30 to 70 wt % of viscose rayon alternating with a pure viscose rayon yarn. By virtue of their excellent water absorption and transport properties, textile substrates of the described type offer great comfort as seat coverings, especially also for seats that are often occupied for a long time without interruption, such as wheelchairs and seats in cars, buses, trains and aircraft, not to mention office chairs. Preferably the viscose rayon fibers are impregnated with a flame retardant by an environmentally safe method, so that a textile substrate is obtained which does not harm the environment from the viewpoint of toxicity and ecotoxicity either due to production or to disposal and which meets the required fire-protection regulations.

IPC 1-7
D03D 15/00; **D04B 1/14**

IPC 8 full level
D03D 15/00 (2006.01); **D04B 1/14** (2006.01)

CPC (source: EP US)
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