

Title (en)
Terry loom

Title (de)
Frottierwebmaschine

Title (fr)
Métier pour tissu éponge

Publication
EP 1154058 A3 20050608 (DE)

Application
EP 01109813 A 20010421

Priority
DE 10023445 A 20000512

Abstract (en)
[origin: EP1154058A2] The loom, for weaving terry fabrics, has separate monitors (30,18) for the bands of ground warps (1) and pile warps (15), freely accessible from one side of the loom. A deflection rod (22), between the shed mechanism (8) and the ground warp feed (2,5,6), supports the ground warps and carries the pile warps through them at an intersection, and is the start point for the taper at the rear shed (23) for both bands of warps. The monitors for both bands of warps are on two different planes, with a horizontal plane (34) at least for the pile warp monitor. A pile warp deflector (26,28) is at the monitor, with spring pliability, to compensate for length changes as the warps pass around in the direction of travel. The length compensation deflector is a sprung shaft and/or a sprung plate. The pile warp deflection rod at the shed is on the opposite side of the ground warps to the pile warp feed (16,17). The ground warp monitor is in front of the intersection point, between the pile and ground warps, in the direction of travel. The path of the pile warps is deflected by 360 degrees , after the feed. The pile warp monitor is after the deflection.

IPC 1-7
D03D 39/22

IPC 8 full level
D03D 39/22 (2006.01); **D03D 49/04** (2006.01)

CPC (source: EP US)
D03D 39/223 (2013.01 - EP US)

Citation (search report)
• [A] FR 892656 A 19440516 - DIEDERICH ATEL
• [A] US 2625959 A 19530120 - TURNER RICHARD G
• [A] US 4569373 A 19860211 - VOGEL RUDOLF [CH]

Cited by
EP1621654A3

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