

Title (en)

Air-type tuck-in method and corresponding device for pile loom

Title (de)

Verfahren zum Einlegen von Schussenden mit Luft und entsprechende Vorrichtung für eine Frottierwebmaschine

Title (fr)

Procédé à replier les bouts de fils de trame à air et métier à tisser pour tissus à poil

Publication

EP 1914334 B1 20100630 (EN)

Application

EP 07018833 A 20070925

Priority

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- JP 2007161974 A 20070620

Abstract (en)

[origin: EP1914334A1] An air-type tuck-in device (30) is provided for a pile loom including a terry motion member (17) that changes a cloth-fell position and a beating-up position relative to each other, a dedicated actuator (SM) for the terry motion member (17), the air-type tuck-in device (30), a tuck-in controlling device (10), a setting device (14) that has set therein, as control data, a plurality of terry modes, and a terry motion controlling device (15) that controls the actuator (SM). The setting device (14) has recorded therein a plurality of tuck-in modes including, as information, the number of picks constituting one unit of pile formation cycle and particular picks at which tuck-in operations are performed. At least one of the number of picks and the particular picks is different in the plurality of tuck-in modes. The setting device (14) has set therein, as control data, the tuck-in modes for the respective terry modes. The tuck-in controlling device (10) performs a controlling operation on the basis of the tuck-in mode that is changed during the operation of the loom.

IPC 8 full level

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CPC (source: EP)

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