

Title (en)

Weft insertion apparatus and rapier band for rapier loom

Title (de)

Schussfadeneintragsvorrichtung und Eintragsband für Greiferwebmaschinen

Title (fr)

Dispositif d'insertion de la trame et ruban d'insertion pour métiers à tisser à griffes

Publication

EP 0939155 A2 19990901 (EN)

Application

EP 99100360 A 19990115

Priority

JP 3607498 A 19980218

Abstract (en)

A highly abrasion-resistant rapier band (12) is provided. The rapier band (12) has a laminated structure including a core member (18) and a pair of woven fabrics (19,20), the core member (18) being made of a three-dimensional fabric. Each woven fabric (19,20) is a satin fabric made of warp threads (T) and weft threads (Y). The warp threads (T) of each woven fabric (19,20) extend along the longitudinal direction of the rapier band (12), and the weft threads (Y) extend across the width direction of the rapier band (12). A warp thread (T) is exposed at an obverse side of each woven fabric (19,20) by leaping over a plurality of weft threads (Y). <IMAGE>

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CPC (source: EP KR)

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EP 0939155 A2 19990901; **EP 0939155 A3 19990908**; KR 100312674 B1 20011103; KR 19990072540 A 19990927; TW 422899 B 20010221

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