Title (en)

Weft insertion apparatus for rapier loom

Title (de)

Schusseintragsvorrichtung für Greiferwebmaschinen

Title (fr)

Dispositif d'insertion de la trame pour métier à tisser à griffes

Publication

EP 1209267 B1 20060726 (EN)

Application

EP 01124172 A 20011010

Priority

JP 2000311866 A 20001012

Abstract (en)

[origin: EP1209267A2] Disclosed is a weft insertion apparatus in which it is possible to achieve an improvement in the traveling stability of the rapier head even in a construction which adopts a guide guiding the rapier head or the rapier band only underneath the same inside the warp opening. The height position of guide position (163) in a first rapier guide (16A) outside the warp opening is set to be above the height position of guide edges (191) of second rapier guides (19) inside the warp opening. A delivery rapier head (11) linearly moves on the guide edges (191). The first rapier guide (16A) guides the widthwise end portions of a rapier band (13A), and the second rapier guides (19) guide the lower surface (204) of a reinforcing recessed frame (20) formed in the forward end portion of the rapier band (13A). <IMAGE> <IMAGE>

IPC 8 full level

D03D 47/27 (2006.01)

CPC (source: EP KR)

D03D 47/233 (2013.01 - EP); **D03D 47/236** (2013.01 - EP); **D03D 47/27** (2013.01 - KR); **D03D 47/272** (2013.01 - EP); **D03D 47/277** (2013.01 - EP)

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DOCDB simple family (publication)

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