

Title (en)

Air jet loom with a woven cloth supporting apparatus

Title (de)

Luftdüsenwebmaschine mit einer Stützvorrichtung für das Gewebe

Title (fr)

Métier à tisser à jet d'air avec appareil de support de vêtement tissé

Publication

EP 2653595 B1 20150506 (EN)

Application

EP 13001413 A 20130319

Priority

JP 2012094128 A 20120417

Abstract (en)

[origin: EP2653595A1] A woven cloth supporting apparatus (10) for an air jet loom includes first and second guide members that extend in a weaving-width direction and that are supported by a beam member (80) that extends in the weaving-width direction. The first and second guide members overlap each other in the weaving-width direction at adjacent ends thereof, thereby supporting woven cloth (1) from below at a position near a cloth fell (1a). The first and second guide members each include an attachment base portion including an upwardly extending portion that extends upward and a woven cloth support portion that extends toward the cloth fell (1a) from the upwardly extending portion and that includes a contact portion that supports the woven cloth. One of the guide members is arranged such that the upwardly extending portion thereof is farther from the cloth fell (1a) than the upwardly extending portion of the other of the guide members and the woven cloth support portion thereof is above the woven cloth support portion of the other of the guide members. The first and second guide members are arranged such that the contact portions thereof are positioned within a range of a weft guide groove (50a) in a reed (50) in the vertical direction at a beating-up time of the reed.

IPC 8 full level

D03J 1/22 (2006.01)

CPC (source: EP)

D03J 1/22 (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2653595 A1 20131023; EP 2653595 B1 20150506; CN 103374785 A 20131030; CN 103374785 B 20160316; CN 203144639 U 20130821; JP 2013221226 A 20131028; JP 5946313 B2 20160706

DOCDB simple family (application)

EP 13001413 A 20130319; CN 201310089773 A 20130320; CN 201320127666 U 20130320; JP 2012094128 A 20120417