

Title (en)

Weft insertion method for air jet loom and flight promotor attaching device

Title (de)

Verfahren zum Schusseintrag in einer Luftdüsenwebmaschine und Flughilfsmittelbefestigungsvorrichtung

Title (fr)

Procédé d'insertion de trame pour métier à tisser à jet d'air et dispositif de fixation d'aide de vol

Publication

**EP 2915911 A3 20151028 (EN)**

Application

**EP 15152593 A 20150127**

Priority

JP 2014025478 A 20140213

Abstract (en)

[origin: EP2915911A2] A weft insertion method in an air jet loom includes: attaching a flight promotor (41) that has a greater surface area per unit weight than a weft yarn (Y) to a distal end portion of the weft yarn (Y) before weft insertion; and performing insertion of the weft yarn (Y) to which the flight promotor (41) is attached.

IPC 8 full level

**D03D 47/25** (2006.01); **D03D 47/30** (2006.01); **D03J 1/04** (2006.01); **D03J 5/06** (2006.01)

CPC (source: CN EP)

**D03D 47/25** (2013.01 - EP); **D03D 47/30** (2013.01 - CN EP); **D03J 1/04** (2013.01 - EP); **D03J 5/06** (2013.01 - EP)

Citation (search report)

- [XA] WO 2005012610 A1 20050210 - TE STRAKE TEXTILE B V [NL], et al
- [AD] JP S5192352 A 19760813
- [AD] JP S58163758 A 19830928 - TOYODA AUTOMATIC LOOM WORKS

Cited by

CN107313161A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2915911 A2 20150909**; **EP 2915911 A3 20151028**; **EP 2915911 B1 20170816**; CN 104846512 A 20150819; CN 104846512 B 20170412; JP 2015151640 A 20150824; JP 6190285 B2 20170830

DOCDB simple family (application)

**EP 15152593 A 20150127**; CN 201510071020 A 20150211; JP 2014025478 A 20140213