

Title (en)

Weft insertion nozzle and weft-fall-out preventing component used in weft insertion nozzle

Title (de)

Eintragsdüsenanordnung und Komponente zur Verhinderung von Schussausfall für eine Eintragsdüsenanordnung

Title (fr)

Dispositif d'insertion du fil de trame et composant de prévention de chute de trame utilisé dans le dispositif d'insertion du fil de trame

Publication

EP 2014808 A3 20091230 (EN)

Application

EP 08010745 A 20080612

Priority

JP 2007169149 A 20070627

Abstract (en)

[origin: EP2014808A2] A tubular component (51a) having a through hole (50a) and a cylindrical section (55a) is fitted within or around a thread guide (3), the cylindrical section (55a) at least having a tubular shape at one end in an axial direction thereof. Of the tubular component (51a) and the thread guide (3), the one whose inner periphery surface substantially serves as a weft guiding path (5) has a downstream end in a weft-insertion direction that is provided with a plurality of projections (11) arranged in a circumferential direction, each projection (11) being tapered from a base end (15) towards a tip thereof.

IPC 8 full level

D03D 47/30 (2006.01)

CPC (source: EP)

D03D 47/3013 (2013.01)

Citation (search report)

- [X] US 5697405 A 19971216 - DORNIER PETER D [DE], et al
- [A] US 4367772 A 19830111 - WALL ERICH [CH]
- [DA] JP H11200193 A 19990727 - TOYODA AUTOMATIC LOOM WORKS
- [A] JP S51124159 U 19761007

Cited by

EP2226416A1; CN104389089A; EP2778268A1; CN104047095A; ITMI20090336A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08010745 A 20080612; CN 200810130628 A 20080625; DE 602008006131 T 20080612; JP 2007169149 A 20070627