

Title (en)
Weft insertion nozzle

Title (de)
Schussfadeneintragdüse

Title (fr)
Dispositif d'insertion du fil de trame

Publication
EP 2014808 A2 20090114 (EN)

Application
EP 08010745 A 20080612

Priority
JP 2007169149 A 20070627

Abstract (en)
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 (applicant)
• JP S51124159 U 19761007
• JP H11200193 A 19990727 - TOYODA AUTOMATIC LOOM WORKS

Citation (third parties)
Third party :
EP 0735170 B1 20010530 - DORNIER GMBH LINDAUER [DE]

Cited by
EP2226416A1; CN104389089A; EP2778268A1; CN104047095A; ITMI20090336A1

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BE CH DE IT LI

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2014808 A2 20090114; EP 2014808 A3 20091230; EP 2014808 B1 20110413; CN 101358405 A 20090204; CN 101358405 B 20110427; DE 602008006131 D1 20110526; JP 2009007694 A 20090115

DOCDB simple family (application)
EP 08010745 A 20080612; CN 200810130628 A 20080625; DE 602008006131 T 20080612; JP 2007169149 A 20070627