

Title (en)
Weft insertion device

Title (de)
Schussfadeneintragsvorrichtung

Title (fr)
Dispositif d'insertion de trame

Publication
EP 1717360 A2 20061102 (EN)

Application
EP 06006259 A 20060327

Priority
• JP 2005130958 A 20050428
• JP 2005338810 A 20051124

Abstract (en)
A weft insertion device (10) comprises: a plurality of nozzles (12), each of which flies one of a plurality of weft yarns; a plurality of opening and closing valves (14) each of which is connected to one of the nozzles (12); a pressure adjusting valve (16) connected in common with the plural valves (14) at their fluid inlets; a pressure source (18) for supplying a compressed fluid maintained at a predetermined pressure value to the pressure adjusting valve (16); and a controller (26) for controlling opening and closing of one opening and closing valve (14) selected sequentially from the plural opening and closing valves (14) and the preset value of the pressure adjusting valve (16).

IPC 8 full level
D03D 47/30 (2006.01)

CPC (source: EP)
D03D 47/3033 (2013.01); **D03D 47/3053** (2013.01)

Citation (applicant)
JP 2003003350 A 20030108 - DORNIER GMBH LINDAUER

Citation (third parties)
Third party :
DORNIER: "Benutzeranleitung - Luft-Webmaschine", DORNIER KATALOG - BENUTZERANLEITUNG, 29 September 2004 (2004-09-29), pages 03-10 - 03-11, XP003004338

Cited by
CN104213314A; EP2037024A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1717360 A2 20061102; EP 1717360 A3 20081105; JP 2006328622 A 20061207

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EP 06006259 A 20060327; JP 2005338810 A 20051124