

Title (en)
WEFT TENSION DEVICE FOR JET LOOMS

Title (de)
SCHUSSSPANNUNGSVORRICHTUNG FÜR DÜSENWEBMASCHINEN

Title (fr)
DISPOSITIF DE TENSION DE TRAME POUR M TIER JET

Publication
EP 1722019 A4 20090812 (EN)

Application
EP 05719191 A 20050216

Priority
• JP 2005002339 W 20050216
• JP 2004043063 A 20040219
• JP 2004210629 A 20040716

Abstract (en)
[origin: EP1722019A1] A nozzle forming body 31 provided with a stretch nozzle 312 is located on the back side of a deformed reed 12 for forming a weft guide passage 121. A passage forming body 39 provided with a weft capture passage 38 is located on the front side of the deformed reed 12. The passage forming body 39 can change its position along a guide passage 121. At least a part of the capture passage 38 extends in the direction intersecting with the direction in which the guide passage 121 extends. A weft tensioner thus constituted can correspond to the change of a weaving width without deteriorating fabric quality and provide sufficient tension to a weft.

IPC 8 full level
D03D 47/30 (2006.01)

CPC (source: EP)
D03D 47/308 (2013.01)

Citation (search report)
• [X] JP S61147287 U 19860911
• [X] GB 1365903 A 19740904 - TEIJIN LTD
• [X] JP S61147286 U 19860911
• See references of WO 2005080651A1

Cited by
BE1017893A5; BE1019208A3; EP2348144A1; BE1023208B1; EP4261332A1; WO2011000561A1; WO2011092085A1

Designated contracting state (EPC)
BE

DOCDB simple family (publication)
EP 1722019 A1 20061115; EP 1722019 A4 20090812; EP 1722019 B1 20120801; CN 1922349 A 20070228; CN 1922349 B 20111116;
EP 2495360 A1 20120905; EP 2495360 B1 20130724; JP 2005264416 A 20050929; JP 4410048 B2 20100203; WO 2005080651 A1 20050901

DOCDB simple family (application)
EP 05719191 A 20050216; CN 200580005346 A 20050216; EP 12004120 A 20050216; JP 2004210629 A 20040716;
JP 2005002339 W 20050216