

Title (en)
WEAVING MACHINE COMPRISING PNEUMATIC WEFT INSERTION

Title (de)
WEBMASCHINE MIT PNEUMATISCHER SCHUSSEINTRAGUNG

Title (fr)
METIER A TISSER A INSERTION DE TRAME PNEUMATIQUE

Publication
EP 1943379 B1 20090311 (DE)

Application
EP 06741665 A 20060623

Priority
• CH 2006000340 W 20060623
• CH 16032005 A 20051005

Abstract (en)
[origin: US2009272456A1] The weaving machine comprises a pneumatic weft insertion. It is fitted with a weaving reed (12), wherein a guiding device (42) is associated with a guiding channel (40) for a weft thread (10). The guiding channel (10) comprising the weaving reed (12) can be pivoted between an insertion position and a stop position for the weft thread (10). Also, a fixed weft thread insertion device (8), which comprises at least two blast nozzles (22), is associated with the guiding channel (40) in the insertion position. A fixed blade (46) is used to cut the inserted weft thread (10). The blast nozzles (22) are pivotably mounted in the transversal direction (Q) counter to the blade (46) in order to improve the weaving machine and are connected by means of a motor drive device (28) in order to displace the blast nozzles (22) counter to the blade (46).

IPC 8 full level
D03D 47/30 (2006.01)

CPC (source: EP KR US)
D03D 47/30 (2013.01 - KR); **D03D 47/3013** (2013.01 - EP US); **D03D 47/3046** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 2007038880 A1 20070412; AT E425285 T1 20090315; BR PI0616810 A2 20110705; CN 101283133 A 20081008; DE 502006003130 D1 20090423; EP 1943379 A1 20080716; EP 1943379 B1 20090311; ES 2320270 T3 20090520; JP 2009510279 A 20090312; KR 20080057249 A 20080624; TW 200714762 A 20070416; US 2009272456 A1 20091105

DOCDB simple family (application)
CH 2006000340 W 20060623; AT 06741665 T 20060623; BR PI0616810 A 20060623; CN 200680037137 A 20060623; DE 502006003130 T 20060623; EP 06741665 A 20060623; ES 06741665 T 20060623; JP 2008533840 A 20060623; KR 20087007035 A 20080324; TW 95124735 A 20060707; US 99182706 A 20060623