

Title (en)

REED FOR WATER INJECTION LOOM, AND WEAVING METHOD USING SAME

Title (de)

WEBBLATT FÜR WASSERDÜSENWEBMASCHINE UND WEBVERFAHREN MIT VERWENDUNG DESSELBEN

Title (fr)

PEIGNE DE METIER A INJECTION D'EAU ET PROCEDE DE TISSAGE L'UTILISANT

Publication

EP 0890666 A4 19990331 (EN)

Application

EP 97909627 A 19971024

Priority

- JP 9703872 W 19971024
- JP 35764996 A 19961226

Abstract (en)

[origin: EP0890666A1] Reed blades whose upper portions have the form of being bent toward the cloth-fell in the form of a "dogleg" in a state where the reed blades are attached to a water jet loom, and when a fabric is woven with these reed blades, warps of a plurality of thermoplastic synthetic fiber multi-filament yarns each of which has a twisting number of at least 100 per meter or each of which is with tie points formed by interlacing and substantially zero-twisted are used as warps, and each weft is inserted into a weaving shed by means of a stream of ejected water in a state where the abrasion distance of a warp based on the rocking of the reed is decreased by bending the reed blades in the form of the above "dogleg".
<IMAGE>

IPC 1-7

D03D 49/62; **D03D 47/32**

IPC 8 full level

D03D 47/32 (2006.01); **D03D 49/62** (2006.01)

CPC (source: EP KR)

D03D 47/278 (2013.01 - EP); **D03D 47/32** (2013.01 - EP KR); **D03D 49/62** (2013.01 - EP KR)

Citation (search report)

- [A] DE 4138046 A1 19920521 - GUETH & WOLF [DE]
- [A] US 4457344 A 19840703 - MARTI KURT [CH]
- See references of WO 9829589A1

Designated contracting state (EPC)

BE CH DE GB IT LI

DOCDB simple family (publication)

EP 0890666 A1 19990113; **EP 0890666 A4 19990331**; CN 1077619 C 20020109; CN 1216587 A 19990512; ID 20309 A 19981126; KR 19990087207 A 19991215; WO 9829589 A1 19980709

DOCDB simple family (application)

EP 97909627 A 19971024; CN 97193953 A 19971024; ID 980070 A 19971024; JP 9703872 W 19971024; KR 19980706604 A 19980824