

Title (en)

Dewatering device for water jet loom and sheet used in dewatering device

Title (de)

Entwässerungseinrichtung für eine Wasserdüsenwebmaschine und eine in der Entwässerungseinrichtung verwendete Platte

Title (fr)

Dispositif d'égouttage pour des métiers à tisser à jet d'eau et plaque utilisée dans un dispositif d'égouttage

Publication

EP 1731646 A1 20061213 (EN)

Application

EP 06010386 A 20060519

Priority

JP 2005171616 A 20050610

Abstract (en)

A dewatering device for a water jet loom includes a dewatering pipe disposed on a take-up path of a woven cloth and having a suction hole that extends in a weaving width direction and that comes into contact with the woven cloth and an airtight sheet disposed so as to cover the suction hole from above the woven cloth and having a sheet surface that comes into contact with the woven cloth. At least one of an outer peripheral portion of the dewatering pipe and the sheet surface of the airtight sheet has guide walls that are arranged along the weaving width direction with intervals therebetween and that extend in a direction that intersects the weaving width direction over a section that covers the suction hole.

IPC 8 full level

D03D 47/32 (2006.01); **D03J 1/06** (2006.01); **D06B 15/04** (2006.01)

CPC (source: EP KR)

D03D 47/32 (2013.01 - EP KR); **D03J 1/06** (2013.01 - EP KR)

Citation (search report)

- [AD] JP H0566084 U 19930831
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08 6 August 2003 (2003-08-06)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 632 (C - 1280) 2 December 1994 (1994-12-02)

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 1731646 A1 20061213; CN 1876922 A 20061213; CN 1876922 B 20101124; JP 2006342475 A 20061221; JP 4851120 B2 20120111; KR 20060128632 A 20061214; TW 200643245 A 20061216; TW I352140 B 20111111

DOCDB simple family (application)

EP 06010386 A 20060519; CN 200610081988 A 20060516; JP 2005171616 A 20050610; KR 20060038190 A 20060427; TW 95117876 A 20060519