

Title (en)

Moistening apparatus in sizing machine

Title (de)

Befeuchtungsvorrichtung in einer Schlichtmaschine

Title (fr)

Dispositif de mouillage dans une machine pour l'encollage

Publication

EP 1801280 A3 20090805 (EN)

Application

EP 06127058 A 20061222

Priority

JP 2005372355 A 20051226

Abstract (en)

[origin: EP1801280A2] A moistening apparatus (3) in a sizing machine (1) for squeezing water from warp threads (T) wet with water prior to application of sizing solution to the warp threads (T) has a pair of squeeze rollers (61,62). The squeeze rollers (61,62) hold the warp threads (T) from above and below. The squeeze rollers (61,62) have a water supplying device (51) that supplies water either to a circumferential surface of the roller (61) that is located above the warp threads (T) passing through between the rollers (61,62) or to an upper side of the warp threads (T) located upstream of the rollers (61,62). The water supplying device (51) has water discharge holes (54), each of which is formed like a slit having longer sides extending along the longitudinal direction of the water supplying device (51).

IPC 8 full level

D06B 1/14 (2006.01)

CPC (source: EP)

D06B 1/08 (2013.01); **D06B 1/148** (2013.01)

Citation (search report)

- [DY] US 2002104204 A1 20020808 - NAKADE KIYOSHI [JP]
- [Y] US 4051807 A 19771004 - GRAF FELIX, et al
- [A] US 6485566 B1 20021126 - CHRISTIAN CHARLES R [US], et al
- [A] EP 1041185 A2 20001004 - SUCKER MUELLER HACOBA GMBH [DE]
- [A] GB 1502005 A 19780222 - BRUGMAN MACHINEFABRIEK BV [NL]
- [A] GB 943229 A 19631204 - WILLIAM WATKINS
- [A] US 2003104742 A1 20030605 - NIWA HIROSHI [US]
- [A] US 4517916 A 19850521 - BARCH HERBERT W [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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