

Title (en)
LOOM FOR GAUZE WEAVING OR THE LIKE.

Title (de)
WEBMASCHINE ZUM WEBEN VON GAZE ODER DERGLEICHEN.

Title (fr)
METIER POUR LE TISSAGE DE LA GAZE OU SIMILAIRE.

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Application
EP 87905654 A 19870827

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Abstract (en)
[origin: WO8801658A1] Loom for gauze weaving or the like which can arrange at least one group of warps that move in a transverse direction of weaving. Particularly when at least three groups of warps exist, there is a possibility that two adjacent warps get entangled with each other because the warps are arranged in a high density. In such a case, the loom of the present invention can reliably separate the entangled warps by a reed. A plurality of guide members (12, 14, 16, 30) for guiding the warps, that extend in the transverse direction of weaving, are juxtaposed with one another and a large number of yarn guide plates (20, 34) are implanted to each of these guide members (12, 14, 16, 30) in its longitudinal direction. The loom is equipped with a weft insertion means for inserting a weft (f') between the warps (y) that are formed in an opened state by relative, opposite movement of at least one (30) of these guide members (12, 14, 16, 30) with respect to the other (12, 14, 16), and reed (48) for picking the weft (f') inserted by this weft insertion means into the weaving portion is disposed in the transverse direction of weaving. A large number of blades (52) are implanted to the reed (48) in the longitudinal direction in such a manner that each blade (52) can enter the gap defined by adjacent two yarn guide plates (20, 34) fitted to the guide members (12, 14, 16, 30) and, after each blade enters the gap, it moves along the warps (a, b, c, d) so as to pick the weft (f') into the weaving end portion.

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D03C 7/00 (2013.01 - EP); **D03D 41/00** (2013.01 - KR)

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• [A] US 4140156 A 19790220 - TROST WAYNE C
• [A] FR 2321000 A1 19770311 - BARBER COLMAN CO [US]
• [A] DE 3321733 A1 19841220 - MAYER FA KARL [DE]
• [AD] JP S4516896 B1
• [AD] JP S4716868 A
• [A] US 4429722 A 19840207 - HERZOG EARL E [US]
• See references of WO 8801658A1

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