

Title (en)
Hand loom.

Title (de)
Handwebvorrichtung.

Title (fr)
Appareil à tisser à main.

Publication
EP 0007141 A1 19800123 (FR)

Application
EP 79200377 A 19790709

Priority
CH 748278 A 19780710

Abstract (en)
1. Hand-weaving apparatus of the type comprising two parallel, mutually interposed arrays of horizontal needles (1) and means for causing a relative and alternating displacement of the two arrays along the longitudinal axes thereof so that a weft thread can be deposited alternately on the ends of the needles of each array, said apparatus comprising a rigid frame (4) for supporting the needles and joining means interconnecting the needle of each array so that the interlac of the weft thread of the needles can be passed over the warp threads, in which apparatus the needles each have an eye to which a warp thread is attached, characterized in that the needles of one of the arrays are fixed to the rigid frame (4), while those of the other array are interconnected in groups by driving members (12) reciprocable relative to the frame (4), the said driving members (12) being connected to the frame by guiding elements (15, 28) and stop elements (15a, 26) which extend between the needles and which are so arranged that their movement away from the frame releases both of the arrays of needles together, each driving member (12) interlocking with one another a plurality of needles of the array not fixed to the rigid frame, this plurality of needles forming a group within this array.

Abstract (fr)
L'appareil à tisser à main est monté sur un bâti fixe formé de deux traverses (3 et 5) et de deux longerons (6). Les aiguilles (1) comportent une nappe fixe et une nappe commandée par les organes d'entraînement (12) de façon à pouvoir se déplacer longitudinalement en va-et-vient sur une certaine distance. Le support coulissant (2) comporte une traverse supérieur amovible (11) et les organes d'entraînement (12) sont également amovibles pour permettre le soulèvement des deux nappes d'aiguilles imbriquées. Lorsque le fil de trame a formé un entrelacement complet sur toute la longueur des aiguilles, des fils de chaîne sont attachés aux extrémités arrière de ces dernières et les aiguilles sont alors tirées à travers l'entrelacement pour mettre les fils de chaîne en place.

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D03D 29/00 (2013.01)

Citation (search report)

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