

Title (en)

Driving system for reciprocating crank driven knife boxes

Title (de)

Antriebsvorrichtung für hin- und hergehende Messerkästen mit Kurbeltrieb

Title (fr)

Mécanisme de commande du mouvement de va-et-vient des cadres de griffes à systèmes bielle-manivelle

Publication

**EP 0681042 B1 19980708 (FR)**

Application

**EP 95420119 A 19950503**

Priority

FR 9405768 A 19940505

Abstract (en)

[origin: EP0681042A1] The control mechanism for the to-and-fro movements of the grip frames, in a loom, has a connecting rod and crank rod system. Each end (4a) of the shaft (4) outside the chassis (1) is keyed to the four arms of the angled crank rods (5-8). Their crankpins (5a-8a) are offset from the geometric axis of the shaft (4) by a gap. Two short connecting rods (9, 10) and two long connecting rods (11, 12) pivot on the crankpins (5a - 8a) for the lower (2) and upper (3) frames. <IMAGE>

IPC 1-7

**D03C 3/36**

IPC 8 full level

**D03C 5/00** (2006.01); **D03C 3/36** (2006.01)

CPC (source: EP US)

**D03C 3/36** (2013.01 - EP US); **Y10T 74/18232** (2015.01 - EP US)

Citation (examination)

FR 2717189 A1 19950915 - STAUBLI VERDOL [FR]

Cited by

FR2854642A1; EP1475465A3; US7017619B2

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

**EP 0681042 A1 19951108; EP 0681042 B1 19980708**; DE 69503311 D1 19980813; DE 69503311 T2 19981224; ES 2119342 T3 19981001; FR 2720414 A1 19951201; FR 2720414 B1 19960719; JP 3545831 B2 20040721; JP H0841749 A 19960213; US 5570724 A 19961105

DOCDB simple family (application)

**EP 95420119 A 19950503**; DE 69503311 T 19950503; ES 95420119 T 19950503; FR 9405768 A 19940505; JP 10423995 A 19950427; US 42684195 A 19950424