

Title (en)

Weft holding device in fluid jet loom

Title (de)

Fadenhaltevorrichtung in einer Düsenwebmaschine

Title (fr)

Dispositif de pinçage de fil de trame dans un métier à tisser à jet de fluide

Publication

EP 1413659 A1 20040428 (EN)

Application

EP 03022690 A 20031007

Priority

JP 2002308792 A 20021023

Abstract (en)

A weft holding device (10) in a fluid jet loom comprises pair holders (32, 34) and engaging mechanism. Each holder has weft holding portion for receiving the weft moving together with reed (12) and holding the weft. The weft holder portion is positioned between the most forward and backward positions of the reed. The weft holder portion has length in the warp moving direction shorter than the length of the swinging locus of the reed. A weft holding device in a fluid jet loom comprises pair holders and engaging mechanism. Each holder has weft holding portion for receiving the weft moving together with a reed and holding the weft. The weft holder portion is positioned between the most forward and backward positions of the reed. The weft holder portion has length in the warp moving direction shorter than the length of the swinging locus of the reed. The pair of holder is moved by a drive unit relative in their contacting and parting directions. The engaging mechanism engages the weft received in the weft holder portion and positioning relative to both holder.

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D03D 47/30; **D02J 1/04**

IPC 8 full level

D03D 47/28 (2006.01); **D03D 47/30** (2006.01); **D03J 1/04** (2006.01)

CPC (source: EP)

D03D 47/308 (2013.01)

Citation (search report)

- [X] US 4570683 A 19860218 - GRIFFITH JOHN D [GB]
- [XD] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10 31 August 1998 (1998-08-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08 29 September 1995 (1995-09-29)

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Designated contracting state (EPC)

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EP 1413659 A1 20040428; CN 1281804 C 20061025; CN 1497085 A 20040519; JP 2004143618 A 20040520; JP 4028349 B2 20071226

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