

Title (en)

Loom and method for three dimensional weaving

Title (de)

Webmaschine und Verfahren zum dreidimensionalen Weben

Title (fr)

Métier à tisser et procédé de tissage tridimensionnel

Publication

EP 2383377 B1 20120926 (DE)

Application

EP 10161488 A 20100429

Priority

EP 10161488 A 20100429

Abstract (en)

[origin: EP2383377A1] The machine has healds (15) including a thread eye (14) for a set of warp threads (12). A heald drive (22) positions the thread eyes of the healds independently from each other along a shed-changing direction (F). A lamellae is extended between the warp threads into a shed (21). The lamellae is positioned independently from each other along the shed-changing direction to determine a two-dimensional warp thread path (23) in which one of the warp threads (32) is input into the shed. The lamellae are supported on a common bar to shift the lamellae. An independent claim is also included for a method for three-dimensional weaving.

IPC 8 full level

D03D 13/00 (2006.01); **D03D 25/00** (2006.01); **D03D 41/00** (2006.01)

CPC (source: EP US)

D03D 25/005 (2013.01 - EP US); **D03D 41/004** (2013.01 - EP US); **D03D 47/278** (2013.01 - EP US)

Cited by

CN108442017A; CN103361886A; CN105239256A; US2013298361A1; US10435269B2; FR3098225A1; WO2021001530A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2383377 A1 201111102; **EP 2383377 B1 20120926**; CN 102234864 A 201111109; CN 102234864 B 20140305; JP 2011231450 A 201111117; JP 5819097 B2 20151118; US 2011265905 A1 201111103; US 8479778 B2 20130709

DOCDB simple family (application)

EP 10161488 A 20100429; CN 201110108421 A 20110428; JP 2011102392 A 20110428; US 201113097652 A 20110429