

Title (en)
MOBILE HOOK FOR THE SHEDDING MECHANISM OF A LOOM

Publication
EP 0214073 B1 19881228 (FR)

Application
EP 86420213 A 19860822

Priority
FR 8512817 A 19850823

Abstract (en)
[origin: US4690178A] This invention is directed to improved mobile hooks for the shed forming device of weaving looms wherein the mobile hooks are disposed at each of the ends of a funicular element. Each hook includes a web bordered by a vertical heel disposed in a slideway formed by grooves made in two opposing separating partitions with the web including a toe adapted to be hooked by the curved ends of a conventional blade element which is utilized to maintain the hooks in their uppermost elevated position. The hooks further include portions which are adapted to be gripped by conventional knives as the knives are moved vertically in reciprocating motion and also a push element adapted to displace the hook retaining blade against the core of an electromagnet which is used to selectively urge the retaining hook into engagement with the mobile hook when the electromagnet is activated.

IPC 1-7
D03C 3/24; **D03C 3/20**

IPC 8 full level
D03C 3/20 (2006.01); **D03C 3/24** (2006.01)

CPC (source: EP US)
D03C 3/24 (2013.01 - EP US)

Citation (examination)
• GB 2047755 A 19801203 - BONAS MACHINE CO
• DE 1710185 C
• CH 550729 B

Cited by
DE3713832C1; US4936357A; FR2690695A1; EP0577524A1; EP0348338A1; US4969490A

Designated contracting state (EPC)
BE CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0214073 A1 19870311; **EP 0214073 B1 19881228**; DE 3661550 D1 19890202; ES 2001509 A6 19880601; FR 2586433 A1 19870227; FR 2586433 B1 19871113; JP H0248658 B2 19901025; JP S6245745 A 19870227; US 4690178 A 19870901

DOCDB simple family (application)
EP 86420213 A 19860822; DE 3661550 T 19860822; ES 8601077 A 19860813; FR 8512817 A 19850823; JP 19572486 A 19860822; US 89627286 A 19860814