

Title (en)
Removable force-fitting joint for the components of a heald frame for weaving looms

Title (de)
Lösbare Kupplungsvorrichtung für die Teile eines Webschaftes

Title (fr)
Liason démontable pour les éléments d'un cadre de tissage

Publication
EP 0882822 A1 19981209 (EN)

Application
EP 97122305 A 19971217

Priority
IT MI962646 A 19961218

Abstract (en)
In a removable force-fitting joint for fixing together the side-pieces (1) and the cross-beams (4) of a heald frame, each end of the side-piece (1) has a plate element (2) projecting towards the cross-beam (4) and housed in a cavity (3) of the latter. A first edge of said plate element (2) of the side-piece has a curved profile with a variable radius and co-operates with a locating surface formed in the cross-beam (4) having a similar profile, screw means (7,8) being arranged between the cross-beam (4) and an opposite edge of the element so as to cause locking of the plate element (2) on the cross-beam (4) against said locating surface. <IMAGE>

IPC 1-7
D03C 9/06

IPC 8 full level
D03C 9/06 (2006.01); **B23P 11/02** (2006.01); **D03C 13/00** (2006.01)

CPC (source: EP KR)
D03C 9/0675 (2013.01 - EP KR)

Citation (search report)
• [A] DE 3308371 C1 19840530 - GROB & CO AG & IT 1173519 A
• [A] WO 9117291 A1 19911114 - GROB & CO AG [CH]
• [A] US 5411061 A 19950502 - FAASE GENE E [US]
• [A] US 5005607 A 19910409 - SHIMIZU YOICHI [JP]

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

DOCDB simple family (publication)
EP 0882822 A1 19981209; EP 0882822 B1 20000719; DE 69702595 D1 20000824; DE 69702595 T2 20010419; ES 2150184 T3 20001116; IT 1289352 B1 19981002; IT MI962646 A0 19961218; IT MI962646 A1 19980618; JP 3553780 B2 20040811; JP H10244425 A 19980914; KR 19980064260 A 19981007; TW 401472 B 20000811

DOCDB simple family (application)
EP 97122305 A 19971217; DE 69702595 T 19971217; ES 97122305 T 19971217; IT MI962646 A 19961218; JP 34960397 A 19971218; KR 19970069940 A 19971217; TW 86119194 A 19971218