

Title (en)

Means for fastening the pinned bars to the pulling chain

Title (de)

Verschluss für das Festmachen von Nadelstäben und den Führungsketten

Title (fr)

Barrette de gills a chaines

Publication

**EP 1154053 A2 20011114 (FR)**

Application

**EP 01401036 A 20010424**

Priority

FR 0005849 A 20000509

Abstract (en)

A slide has a main part carrying needles and an end part with a bore for an elastic cartridge. The cartridge is positioned in the bore by co-operating elements; one element is on the cartridge and the other element is within the bore and extends from the main part of the slide. Independent claims are included for the following: (a) A cartridge for use with the above slide. (b) A stretching device for ribbons of textile fibers. The device includes a chain drive with axle(s) and slide(s) as above. Preferred Features: The cartridge has an elastic member in the form of a split ring with two extending wings that co-operate with retaining wall of the bore. Alternately the cartridge and bore are positioned together by a bayonet fitting.

Abstract (fr)

Cette barrette de gills à chaînes a une partie principale qui porte des aiguilles 2, une partie 3 d'extrémité qui définit un alésage 4 et une douille 5 élastique fendue longitudinalement entre deux ailes 6 qui pénètre dans l'alésage 4 ainsi que des moyens 7 de positionnement de la douille 5 dans l'alésage 4. <IMAGE>

IPC 1-7

**D01H 5/08; D01H 5/14**

IPC 8 full level

**D01H 5/08** (2006.01); **D01H 5/14** (2006.01)

CPC (source: EP)

**D01H 5/08** (2013.01); **D01H 5/14** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 1154053 A2 20011114; EP 1154053 A3 20020904; EP 1154053 B1 20040407**; DE 60102617 D1 20040513; DE 60102617 T2 20050331; ES 2217098 T3 20041101; FR 2808811 A1 20011116; FR 2808811 B1 20020823

DOCDB simple family (application)

**EP 01401036 A 20010424**; DE 60102617 T 20010424; ES 01401036 T 20010424; FR 0005849 A 20000509