

Title (en)  
TWISTABLE WIRE CLAMP FOR CONNECTING OR SEALING ELEMENTS

Publication  
**EP 0387472 B1 19930303 (DE)**

Application  
**EP 89810202 A 19890315**

Priority  
EP 89810202 A 19890315

Abstract (en)  
[origin: EP0387472A1] Twisted stirrup for connecting or sealing elements is of V-shaped configuration, the lower region of each of the two legs (1, 2) forming an elongated loop (4, 5) with sealing means (6, 7) which consist of the closed end (6) of the narrower loop (4) on the one hand and of a sealing piece (7), which points into the interior of the broader loop (5) and lies in the same plane as the loop, on the other hand. The stirrup has a shoulder (10) on both sides of the point of transition (9) between the two legs (1, 2). By means of a device, the stirrup is laid around the elements to be connected or around the opening to be sealed, whereupon the sealing means (6, 7) are brought into engagement with one another by the device, and the stirrup is grasped and twisted in the region of the point of transition (9) by a connecting hook of the device. The loops (4, 5), when seen in their plane, are outwardly curved and the closed end piece (6) possesses a thinned portion (8) and is bent towards the other loop (5). Such a stirrup guarantees reliable functioning of the device for connecting. <IMAGE>

IPC 1-7  
**E04G 21/12**

IPC 8 full level  
**F16B 2/08** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP US)  
**E04G 21/122** (2013.01 - EP US); **E04G 21/123** (2013.01 - EP US); **Y10T 24/205** (2015.01 - EP US)

Cited by  
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**EP 0387472 A1 19900919**; **EP 0387472 B1 19930303**; AT E86343 T1 19930315; DE 58903679 D1 19930408; JP H02266106 A 19901030; JP H0625563 B2 19940406; US 5054614 A 19911008

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