

Title (en)  
TENSIONING CONNECTION

Publication  
**EP 0240866 B1 19890426 (DE)**

Application  
**EP 87104541 A 19870327**

Priority  
DE 3611892 A 19860409

Abstract (en)  
[origin: EP0240866A1] 1. Clamping connection for channel profiles (1, 2) for mine extension work, which profiles are situated one inside the other in the overlapping region and have substantially identical cross-sections, said connection comprising a resiliently formed upper cover plate (3) and a resiliently formed lower cover plate (4), the upper cover plate (3) and the lower cover plate (4) surrounding the channel profiles (1, 2) in a box-like manner and being screw-connected to each other at their ends, but, it changes occur in the roof pressure, said cover plates permit the channel profiles (1, 2) to slide relative to each other, characterized in that the upper cover plate (3) and the lower cover plate (4) are formed from resilient strip steel, of identical width, over their entire length, in that the upper cover plate (3) is provided with rectangular slots for the threaded bolts (5, 6), a rectangular end (9) fitting in each of said slots and engaging beneath the head of the threaded bolt (5 or 6), and in that the threaded bolts (5, 6) are formed from a material having an extensibility of at least 15 %.

IPC 1-7  
**E21D 11/22**

IPC 8 full level  
**E21D 11/22** (2006.01)

CPC (source: EP)  
**E21D 11/22** (2013.01)

Cited by  
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**EP 0240866 A1 19871014; EP 0240866 B1 19890426**; DE 3611892 A1 19871015; DE 3760119 D1 19890601

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