

Title (en)  
Prestressed element in strip form

Title (de)  
Bandförmiges Vorspannelement

Title (fr)  
Élément de précontrainte en forme de bande

Publication  
**EP 2182131 A1 20100505 (DE)**

Application  
**EP 10154355 A 20080908**

Priority  
• EP 08450129 A 20080908  
• AT 14112007 A 20070910

Abstract (en)  
The band-shaped pre-stressing element has multiple tensioning elements running parallel to each other, which are enclosed by a common protective covering (2) to be made up of plastic. The protective covering is formed in a wavelike manner. A wave crest is presented in an area of each tensioning element and a wave trough is presented between each two neighboring tensioning elements. The welded ends of the protective covering are bridged by an enclosure made of sheet metal, plastic or other material at an inner side of the protective covering.

Abstract (de)  
Bandförmiges Vorspannelement, bestehend aus mehreren parallel zueinander verlaufenden Spanngliedern, welche von einer gemeinsamen aus Kunststoff bestehenden Schutzhülle (2) eingeschlossen sind, dadurch gekennzeichnet, dass die Schutzhülle (2) an einer oder zwei Stellen durch eine Schweißnaht (3, 3') verbunden ist, wobei die zu verschweißenden Enden (10, 11) der Schutzhülle (2) durch eine Verkleidung (9) an der Innenseite der Schutzhülle (2) überbrückt sind.

IPC 8 full level  
**E04C 5/08** (2006.01)

CPC (source: EP)  
**E04C 5/08** (2013.01)

Citation (search report)  
• [YD] EP 0896107 A2 19990210 - THAL HERMANN DIPL ING [AT]  
• [A] FR 2798408 A1 20010316 - FREYSSINET INT STUP [FR]  
• [A] AT 4023 U1 20001227 - THAL HERMANN DIPL ING [AT]  
• [Y] EP 0505351 A1 19920923 - VORSPANN TECHNIK GMBH [AT]  
• [YD] EP 0777020 A1 19970604 - THAL HERMANN DIPL ING [AT]  
• [A] EP 0393013 A1 19901017 - VORSPANN TECHNIK GMBH [AT]  
• [Y] EP 1164232 A2 20011219 - THAL HERMANN [AT]

Cited by  
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AT DE

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**EP 2034103 A1 20090311; EP 2034103 B1 20100825**; AT 504886 A4 20080915; AT 504886 B1 20080915; AT E478996 T1 20100915; DE 502008001186 D1 20101007; EP 2182131 A1 20100505

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