

Title (en)
Prestressed element in strip form

Title (de)
Bandförmiges Vorspannelement

Title (fr)
Élément de précontrainte en forme de bande

Publication
EP 2034103 A1 20090311 (DE)

Application
EP 08450129 A 20080908

Priority
AT 14112007 A 20070910

Abstract (en)
The element has multiple tensioning elements e.g. strands (1), running parallel to each other, where the elements are enclosed by a protective covering (2) that is made of plastic. The covering is designed in undulated shape, and a wave crest is provided at a region of the tensioning elements and a wave trough is provided between two adjacent tensioning elements. The wave crests are arranged opposite to each other, and ends of the protective covering are joined to an inner side of the protective covering by a lining that is made of metal plate or plastic.

Abstract (de)
Bandförmiges Vorspannelement, bestehend aus mehreren parallel zueinander verlaufenden Spanngliedern (1), welche von einer gemeinsamen vorzugsweise aus Kunststoff bestehenden Schutzhülle (2) eingeschlossen sind, wobei die Schutzhülle (2) wellenförmig ausgebildet ist, wobei im Bereiche eines jeden Spanngliedes (1) ein Wellenberg und zwischen je zwei benachbarten Spanngliedern (1) ein Wellental vorhanden ist.

IPC 8 full level
E04C 5/08 (2006.01)

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

Citation (applicant)
• EP 0777020 B1 20020821 - THAL HERMANN DIPL-ING [AT]
• EP 0896107 A2 19990210 - THAL HERMANN DIPL ING [AT]

Citation (search report)
• [DY] EP 0896107 A2 19990210 - THAL HERMANN DIPL ING [AT]
• [Y] FR 2798408 A1 20010316 - FREYSSINET INT STUP [FR]
• [Y] AT 4023 U1 20001227 - THAL HERMANN DIPL ING [AT]
• [A] EP 0521822 A1 19930107 - VSL INT AG [CH]
• [DA] EP 0777020 A1 19970604 - THAL HERMANN DIPL ING [AT]
• [A] EP 0393013 A1 19901017 - VORSPANN TECHNIK GMBH [AT]
• [A] EP 1164232 A2 20011219 - THAL HERMANN [AT]

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DE102011119889A1

Designated contracting state (EPC)
AT DE

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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

DOCDB simple family (application)
EP 08450129 A 20080908; AT 08450129 T 20080908; AT 14112007 A 20070910; DE 502008001186 T 20080908; EP 10154355 A 20080908