

Title (en)
Suspension device for civil engineering structures and building method

Title (de)
Aufhängevorrichtung für Bauwerke und Verfahren zum Herstellen

Title (fr)
Dispositif de suspension pour ouvrage de génie civil et procédé de construction

Publication
EP 0789110 B1 20010411 (FR)

Application
EP 97400238 A 19970203

Priority
FR 9601405 A 19960206

Abstract (en)
[origin: EP0789110A1] The suspension cable (1), for civil engineering, has an intermediate sheet (11) between the strands, which is corrugated alternately on both sides. The parallel corrugation peaks (12) are triangular with curved faces, to fit into the gaps (T) between the strands (7). Also claimed is production of the sheet, using extrusion. Preferably each strand (7) is covered (9) by a supple material of the same material as the intermediate sheet (11), preferably of high density polyethylene or a polyolefin. The sheet material, between the corrugations, has a thickness of ≤ 0.1 mm.

IPC 1-7
E01D 19/16; D07B 1/16

IPC 8 full level
E01D 1/00 (2006.01); **D07B 1/16** (2006.01); **E01D 11/00** (2006.01); **E01D 19/16** (2006.01); **E01D 101/40** (2006.01)

CPC (source: EP)
D07B 1/167 (2013.01); **E01D 19/16** (2013.01)

Cited by
FR2777296A1; FR2780127A1; WO9967550A1; DE10162897A1; FR2832479A1; FR2798408A1; EP0950762A1; EP1013830A1; EP1284324A3; WO0039401A1; WO0120096A1; US6560807B1; US6658684B2; US6523207B1; US6715176B2; EP1284324A2; US6301735B1

Designated contracting state (EPC)
AT BE CH DE DK ES GB GR IT LI NL PT SE

DOCDB simple family (publication)
EP 0789110 A1 19970813; **EP 0789110 B1 20010411**; AR 005623 A1 19990623; AT E200533 T1 20010415; AU 1254597 A 19970814; AU 709875 B2 19990909; BR 9700896 A 19981208; DE 69704506 D1 20010517; DE 69704506 T2 20020328; DK 0789110 T3 20010813; ES 2156343 T3 20010616; FR 2744467 A1 19970808; FR 2744467 B1 19980403; GR 3035955 T3 20010831; JP H09310307 A 19971202; KR 970062199 A 19970912; NO 970304 D0 19970124; NO 970304 L 19970807; PT 789110 E 20010928

DOCDB simple family (application)
EP 97400238 A 19970203; AR P970100388 A 19970130; AT 97400238 T 19970203; AU 1254597 A 19970205; BR 9700896 A 19970206; DE 69704506 T 19970203; DK 97400238 T 19970203; ES 97400238 T 19970203; FR 9601405 A 19960206; GR 20010400812 T 20010530; JP 2366497 A 19970206; KR 19970003528 A 19970205; NO 970304 A 19970124; PT 97400238 T 19970203