

Title (en)
TRESTLE

Publication
EP 0389853 B1 19911127 (DE)

Application
EP 90104581 A 19900310

Priority
DE 3910085 A 19890328

Abstract (en)
[origin: EP0389853A1] The trestle possesses supporting elements (1) which consist essentially of a wire spiral (1.1) which is reinforced by a plurality of elongated reinforcing wires (1.2) which extend in the longitudinal direction or direction of helix of the wire spiral, are arranged at its periphery and are in each case firmly connected to it at the mutual contact points (1.4). The supporting elements are closed on both sides by one closing ring (1.3) in each case. Nodal elements (2), which have the form of a regular polyhedron and consist of a plurality of wire rings (2.1) which are arranged on the polyhedron boundary surfaces, are in mutual contact in pairs on the polyhedron edges, and are firmly connected to one another at the mutual contact points (2.2), serve to connect the ends of two or more supporting elements to one another. To connect the nodal elements to the ends of the supporting elements, clamping rings (3), which can be inserted, on the one hand, into the wire rings of the nodal elements and, on the other hand, into the closing rings of the supporting elements are provided. <IMAGE>

IPC 1-7
E04C 3/08

IPC 8 full level
E04C 3/08 (2006.01); **E04C 3/32** (2006.01); **F16B 7/08** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP US)
E04C 3/08 (2013.01 - EP US); **E04C 3/32** (2013.01 - EP US); **E04C 2003/0413** (2013.01 - EP US); **E04C 2003/043** (2013.01 - EP US); **E04C 2003/0447** (2013.01 - EP US); **Y10T 403/343** (2015.01 - EP US)

Cited by
CN105987269A

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

DOCDB simple family (publication)
EP 0389853 A1 19901003; **EP 0389853 B1 19911127**; AT E69849 T1 19911215; DE 3910085 A1 19901004; DE 59000013 D1 19920109; JP H03117708 A 19910520; US 4984407 A 19910115

DOCDB simple family (application)
EP 90104581 A 19900310; AT 90104581 T 19900310; DE 3910085 A 19890328; DE 59000013 T 19900310; JP 8287590 A 19900328; US 50052790 A 19900328