

Title (en)
Girder system

Title (de)
Trägersystem

Title (fr)
Système pour poutres

Publication
EP 0669431 B1 19980819 (FR)

Application
EP 95870013 A 19950222

Priority
BE 9400213 A 19940224

Abstract (en)
[origin: EP0669431A1] A first tie rod (10A) is provided with a threaded rod (12) on which a nut (13) of a second tie rod (10B) is screwed. The threaded rod is engaged in a hole (14) in the centre (30) of the beam (2). The first tie rod is provided with a support (15) comprising a strap (16) having two rings (17,18) distanced from each other to form a throat (19). The nut also has a strap (16) with two rings (17,18) with a throat formed between them. The beam centre is locked between the support and the nut. The external edges of the rings adjacent to the beam centre define a surface situated in the volume (V) in the axial extension of the external wall of the first or second tie rod and between the extreme edges (100,101) of the tie rods between which the beam centre is fixed.

IPC 1-7
E04B 7/02; E04B 1/24

IPC 8 full level
E04B 1/24 (2006.01); **E04B 7/02** (2006.01)

CPC (source: EP)
E04B 1/24 (2013.01); **E04B 7/024** (2013.01); **E04B 2001/2418** (2013.01); **E04B 2001/2454** (2013.01); **E04B 2001/2457** (2013.01); **E04B 2001/249** (2013.01); **E04B 2001/389** (2023.08)

Cited by
FR2783260A1; GB2555132A; GB2457714A; GB2363628A; GB2363628B; WO0015915A1

Designated contracting state (EPC)
AT BE DE FR NL

DOCDB simple family (publication)
EP 0669431 A1 19950830; **EP 0669431 B1 19980819**; AT E169979 T1 19980915; BE 1008082 A3 19960109; DE 69504112 D1 19980924; DE 69504112 T2 19990415

DOCDB simple family (application)
EP 95870013 A 19950222; AT 95870013 T 19950222; BE 9400213 A 19940224; DE 69504112 T 19950222