

Title (en)

BRIDGE CONSISTING OF A DECK AND ITS SUPPORTING MEANS, ESPECIALLY A LARGE-SPAN CABLE-STAYED BRIDGE, AND ITS CONSTRUCTION PROCESS

Publication

EP 0288350 B1 19910911 (FR)

Application

EP 88400740 A 19880325

Priority

FR 8704338 A 19870327

Abstract (en)

[origin: US4993094A] PCT No. PCT/FR88/00157 Sec. 371 Date Nov. 28, 1988 Sec. 102(e) Date Nov. 28, 1988 PCT Filed Mar. 25, 1988 PCT Pub. No. WO88/07604 PCT Pub. Date Oct. 6, 1988. Bridge comprising a bridge floor, said floor consisting of an upper boom (4) which may form a road section, a lower boom (5) which may be formed by a tubular succession of sections, and diagonal linking girders (6), joining the booms, their axes converging on that of the lower boom. Those elements subjected to high stress are preferably to be provided with individual pretensioning elements. The gussets (15) linking the diagonals with the upper boom carry advantageously the attachment elements of the supporting stay cables (2).

IPC 1-7

E01D 7/02; **E01D 9/06**; **E01D 11/00**; **E01D 21/04**

IPC 8 full level

E01D 1/00 (2006.01); **E01D 2/00** (2006.01); **E01D 2/04** (2006.01); **E01D 11/00** (2006.01); **E01D 11/04** (2006.01); **E01D 19/14** (2006.01); **E01D 21/10** (2006.01); **E01D 101/30** (2006.01); **E01D 101/32** (2006.01)

CPC (source: EP US)

E01D 2/04 (2013.01 - EP US); **E01D 11/04** (2013.01 - EP US); **E01D 19/14** (2013.01 - EP US); **E01D 21/10** (2013.01 - EP US); **E01D 2101/268** (2013.01 - EP US); **E01D 2101/28** (2013.01 - EP US); **E01D 2101/285** (2013.01 - EP US)

Cited by

EP0329517A1; CN102644241A; EP0340051A1; EP0454575A1; EP0329516A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

US 4993094 A 19910219; AT E67256 T1 19910915; CA 1292600 C 19911203; DE 3864726 D1 19911017; EP 0288350 A1 19881026; EP 0288350 B1 19910911; ES 2026263 T3 19920416; FR 2612963 A1 19880930; FR 2612963 B1 19910726; GR 3003029 T3 19930217; JP H01502921 A 19891005; JP H0733644 B2 19950412; PT 87107 A 19890330; WO 8807604 A1 19881006

DOCDB simple family (application)

US 29786588 A 19881128; AT 88400740 T 19880325; CA 562339 A 19880324; DE 3864726 T 19880325; EP 88400740 A 19880325; ES 88400740 T 19880325; FR 8704338 A 19870327; FR 8800157 W 19880325; GR 910400986 T 19911030; JP 50305788 A 19880325; PT 8710788 A 19880328