

Title (en)

Bridge comprising a deck and at least two pylons and method of constructing it.

Title (de)

Brücke mit einer Fahrbahn und mindestens zwei Pylonen und Verfahren zu deren Bau.

Title (fr)

Pont comprenant un tablier et au moins deux pylônes, et son procédé de construction.

Publication

**EP 0454562 A1 19911030 (FR)**

Application

**EP 91401066 A 19910423**

Priority

- CA 2053429 A 19911015
- FR 9005257 A 19900425

Abstract (en)

Bridge, particularly of very large span, whose deck is supported by diverted stay cables passing over pylons (21). Some of the stay cables (22) are anchored on the deck at two points of the deck located on either side of one and the same pylon (21), and the central part of a span between two pylons is supported exclusively by other stay cables (25) which, after having been diverted to the top of a pylon, are each anchored in an anchorage block (26). The tensile stress to which the central part of the deck is subjected through the effect of these stay cables (25) directed towards the tops of the two pylons located on either side of the span is offset by an axial compression prestressing. <IMAGE>

IPC 1-7

**E01D 11/00**

IPC 8 full level

**E01D 11/00** (2006.01); **E01D 2/00** (2006.01); **E01D 11/04** (2006.01)

CPC (source: EP US)

**E01D 11/04** (2013.01 - EP US)

Citation (search report)

- [AD] CH 447247 A 19671130 - BETEILIGUNGS & PATENTVERW GMBH [DE]
- [A] US 4866803 A 19890919 - NEDELCO LUCIAN I [US]
- [A] TRAVAUX. no. 562, Janvier 1982, PARIS FR pages 25 - 46; E.BRASSARD ET AL.: 'La passerelle de Meylan (Isère) '

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CN113356076A; CN110593078A; KR20030012013A

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**EP 0454562 A1 19911030**; CA 2053429 A1 19930416; CA 2053429 C 19941129; FR 2661434 A1 19911031; FR 2661434 B1 19921211; JP H04228707 A 19920818; US 5208932 A 19930511

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