

Title (en)
Externally prestressed concrete bridge

Title (de)
Betonbrücke mit externer Vorspannung

Title (fr)
Pont en béton à précontrainte extérieure

Publication
EP 1008691 A3 20010502 (DE)

Application
EP 99124496 A 19991208

Priority
DE 19856434 A 19981208

Abstract (en)
[origin: DE19856434C1] The sectional concrete bridge has hollow sections (6-8) with internal free lying tensioners (14-20). The tensioners are brought together in a fixing or guiding area (9) of the bridge. The outer ends of the tensioners are separated towards the outer walls (8) of the bridge sections. The tensioners are attached to the anchors (11) mounted on the outer walls.

IPC 1-7
E01D 2/04; E01D 101/28

IPC 8 full level
E01D 2/04 (2006.01); E01D 101/28 (2006.01)

CPC (source: EP)
E01D 2/04 (2013.01); E01D 2101/28 (2013.01)

Citation (search report)
• [A] DE 4213986 C1 19930506
• [A] VIRLOGEUX: "Die externe Vorspannung", BETON UND STAHLBETONBAU., vol. 83, no. 5, May 1988 (1988-05-01), ERNST UND SOHN VERLAG. BERLIN., DE, pages 121 - 126, XP002161617, ISSN: 0005-9900

Cited by
CN114150565A

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

DOCDB simple family (publication)
EP 1008691 A2 20000614; **EP 1008691 A3 20010502**; **EP 1008691 B1 20030730**; AT 3517 U1 20000425; AT E246288 T1 20030815; CH 690277 A5 20000630; DE 19856434 C1 20000323; DE 59906430 D1 20030904

DOCDB simple family (application)
EP 99124496 A 19991208; AT 1199 U 19990108; AT 99124496 T 19991208; CH 258798 A 19981231; DE 19856434 A 19981208; DE 59906430 T 19991208