

Title (en)  
SHUTTERING FOR MAKING PRESTRESSED CONCRETE SLEEPERS WITH IMMEDIATE ANCHORING

Publication  
**EP 0436859 A3 19920304 (DE)**

Application  
**EP 90123890 A 19901212**

Priority  
DE 4000729 A 19900112

Abstract (en)  
[origin: EP0436859A2] In order to be able to carry out the arrangement of ribbed tensioning wires (5), which are anchored in the concrete by adhesive bonding, in a prestressed concrete sleeper independently of the space requirement of the drawing heads of the tensioning devices, it is proposed to anchor the tensioning wires (5) temporarily in an anchoring plate (2) and, by suitable design, to make the anchor plate releasable and recoverable. <IMAGE>

IPC 1-7  
**B28B 23/06**

IPC 8 full level  
**B28B 23/06** (2006.01)

CPC (source: EP US)  
**B28B 23/06** (2013.01 - EP US)

Citation (search report)

- [X] EP 0057635 A2 19820811 - BORCOMAN MIRCEA
- [X] AU 473750 B2 19741010
- [YP] DE 3931201 C1 19901122
- [Y] US 3962786 A 19760615 - MORI TAKEMITSU, et al
- [A] DE 578768 C 19330616 - OTTO GLOESER
- [A] FR 2230807 A1 19741220 - ASSERBACK ROY [ES]
- [A] US 3427772 A 19690218 - WILLIAMS GEORGE W
- [A] FR 1528919 A 19680614
- [A] GB 751631 A 19560704 - CONCRETE PATENTS LTD

Cited by  
CN111618976A; DE4203223A1; EP1360397B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0436859 A2 19910717; EP 0436859 A3 19920304**; ES 2023104 A4 19920101; US 5196209 A 19930323

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