

Title (en)  
HYDRAULIC SUPPORTING DEVICE.

Title (de)  
DRUCKMITTEL-STÜTZEINRICHTUNG.

Title (fr)  
DISPOSITIF HYDRAULIQUE DE SUPPORT.

Publication  
**EP 0521966 B1 19940126 (DE)**

Application  
**EP 91906663 A 19910322**

Priority  
DE 4009628 A 19900326

Abstract (en)  
[origin: WO9114825A1] A hydraulic supporting device for supporting a first beam (52) on a second beam (53) has a pressure cushion (54) between the two beams. The pressure in the pressure cushion is variable but uniform over the whole length of the pressure cushion. The pressure cushion (54) rests on a contact surface on the first beam (52). The cross-sectional width (b) of the contact surface is less than the total width of the pressure cushion (54). A free space (55) into which a flexible tube of the pressure cushion (54) can penetrate is provided on each side of the contact surface.

IPC 1-7  
**D21F 1/00**; **D21F 1/02**; **D21F 1/48**

IPC 8 full level  
**D21F 1/06** (2006.01); **D21F 1/00** (2006.01); **D21F 1/02** (2006.01); **D21F 1/48** (2006.01)

CPC (source: EP US)  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 9114825 A1 19911003**; CA 2079237 A1 19910927; DE 4009628 A1 19911002; DE 4009628 C2 19941103; DE 59100959 D1 19940310; EP 0521966 A1 19930113; EP 0521966 B1 19940126; FI 923138 A0 19920708; FI 923138 A 19920708; JP H05505655 A 19930819; US 5328570 A 19940712

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**EP 9100558 W 19910322**; CA 2079237 A 19910322; DE 4009628 A 19900326; DE 59100959 T 19910322; EP 91906663 A 19910322; FI 923138 A 19920708; JP 50679291 A 19910322; US 86184792 A 19920617