

Title (en)  
Lifting device for the tongue of a switch

Title (de)  
Zungenhebevorrichtung

Title (fr)  
Dispositif de soulèvement de la lame d'une aiguille

Publication  
**EP 0692570 B1 19971001 (DE)**

Application  
**EP 95110993 A 19950713**

Priority  
DE 4424392 A 19940713

Abstract (en)  
[origin: EP0692570A1] The tongue rail lifter (1) has a bearing plate (2) for a stock-rail (3) and a swivel mounted tongue rail lifting frame (5) supporting a tongue rail (6). The lifting frame has a spring (8) compressed by load from the tongue rail with level adjustment bolts which set the level of the lifting frame. A height limiting device works with the spring so that when the tongue rail is in its highest position some residual compression remains in the spring. When the tongue rail is loaded the spring acts immediately smoothly to limit the downward movement of the tongue rail.  
<IMAGE>

IPC 1-7  
**E01B 7/08**

IPC 8 full level  
**E01B 7/02** (2006.01); **E01B 7/08** (2006.01)

CPC (source: EP)  
**E01B 7/02** (2013.01)

Cited by  
AU775381B2; DE19812795C1; AT412350B; AT410331B; GB2349905A; GB2349905B; CN111727289A; US7063293B2; WO03091501A1; WO0106060A1; WO2005073465A1; US7766283B2

Designated contracting state (EPC)  
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