

Title (en)  
SHOE BRAKE UNIT FOR RAILWAY VEHICLES

Publication  
**EP 0381956 A3 19910731 (DE)**

Application  
**EP 90100875 A 19900117**

Priority  
DE 3904013 A 19890210

Abstract (en)  
[origin: EP0381956A2] The shoe brake unit has two brake blocks (4 and 5) per vehicle wheel (1), of which one brake block (4) can be actuated directly and of which the other brake block (5) lying opposite can be actuated indirectly by a shoe braking unit (6) via a drawbar 14. A two-armed lever (20) which is mounted indirectly or directly on a fixed bearing (19) of the axial bearing (3) is provided, the one end of said lever being coupled to the one brake block (4) and its other end being coupled to the other brake block (5) indirectly via bars (21, 24) or directly. By means of the two-armed lever (20) and its coupling to the brake blocks (4 and 5), it is ensured that, in the release state, the latter are constantly lifted off from the vehicle wheel (1) through identical degrees of release travel; these degrees of release travel are also maintained in the case of longitudinal displacements of the vehicle wheel (1) such as occur with steering axles. <IMAGE>

IPC 1-7  
**B61H 13/20**

IPC 8 full level  
**B61H 1/00** (2006.01); **B61H 13/20** (2006.01); **B61H 15/00** (2006.01)

CPC (source: EP US)  
**B61H 1/00** (2013.01 - EP US); **B61H 13/20** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0015582 A1 19800917 - KNORR BREMSE GMBH [DE]
- [Y] GB 246241 A 19260128 - WILLIAM WYCLIFFE SPOONER
- [AD] DE 2719197 A1 19781109 - WAGGON UNION GMBH
- [AD] DE 1905 C

Cited by  
EP0665153A1

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