

Title (en)
SHOE BRAKE UNIT FOR RAILWAY VEHICLES

Publication
EP 0381956 B1 19930915 (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 1/00; **B61H 13/20**; **B61H 15/00**

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)

Cited by
EP0665153A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0381956 A2 19900816; **EP 0381956 A3 19910731**; **EP 0381956 B1 19930915**; AT E94489 T1 19931015; DE 3904013 A1 19900816; DE 59002674 D1 19931021; US 5229688 A 19930720

DOCDB simple family (application)
EP 90100875 A 19900117; AT 90100875 T 19900117; DE 3904013 A 19890210; DE 59002674 T 19900117; US 74147891 A 19910809