

Title (en)

Improved hand brake lever interface for single-cylinder truck-mounted railway car brake

Title (de)

Verbesserte Hebelschnittstelle in einem Handbremssystem für eine einzylindrige am Waggon montierte Eisenbahnbremse

Title (fr)

Interface de levier de frein à main perfectionné pour un système de freinage ferroviaire monocylindrique monté sur wagon

Publication

**EP 1535817 B1 20060419 (EN)**

Application

**EP 03292944 A 20031126**

Priority

EP 03292944 A 20031126

Abstract (en)

[origin: EP1535817A1] In combination with a hand brake system for a railway vehicle including first and second spaced-apart brake beams. First and second transfer levers are pivotally connected at a point intermediate the ends thereof to a respective one of the first and second brake beams. First and second force-transmitting members are interconnected between corresponding arms of the first and second transfer levers. Such first force-transmitting member including a brake actuator device operable in response to the supply of fluid pressure thereto for increasing the length of the first force-transmitting member, to accordingly increase the spaced-apart distance between the first and second brake beams. A transfer link is connected to the first transfer lever so as to be arcuately movable therewith in a plane parallel to the plane of rotation of the first transfer lever. The improvement comprises a thrust block (110) disposed on the first brake beam. The thrust block (110) having a pin member (104) disposed therein. There is an actuating lever (100) having a pivotal connection at a location intermediate the ends thereof with the transfer link closely adjacent one end of the actuating lever (100) there is an arcuate portion (106') rotateably engageable with the pin member (104) and being adapted to receive a hand brake force. <IMAGE>

IPC 8 full level

**B61H 13/02** (2006.01); **B61H 13/24** (2006.01)

CPC (source: EP)

**B61H 13/02** (2013.01); **B61H 13/24** (2013.01)

Cited by

CN115092199A; CN102167022A; US7896140B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1535817 A1 20050601**; **EP 1535817 B1 20060419**; AT E323636 T1 20060515; DE 60304717 D1 20060524; DE 60304717 T2 20070412

DOCDB simple family (application)

**EP 03292944 A 20031126**; AT 03292944 T 20031126; DE 60304717 T 20031126