

Title (en)
Resilient damping friction wedge

Title (de)
Reibungskeil zum Dämpfen mit elastischen Elementen

Title (fr)
Coin amortisseur à frottement comportant des parties élastiques

Publication
EP 1493644 A1 20050105 (EN)

Application
EP 04253105 A 20040526

Priority
GB 0312276 A 20030529

Abstract (en)
A friction damping arrangement for a railway vehicle comprises first and second relatively moveable vehicle components (14,16), a friction wedge (18) having a surface (37) arranged to co-operate with a surface of the second vehicle component (16), and resiliently urged towards the first vehicle component (14), and a resiliently deformable component (48), located between the first vehicle component (14) and the friction wedge (18), the resiliently deformable component (48) being deformable to allow relative movement between the first vehicle component (14) and the friction wedge (18).

IPC 1-7
B61F 5/34

IPC 8 full level
B61F 5/30 (2006.01); **B61F 5/34** (2006.01)

CPC (source: EP)
B61F 5/308 (2013.01); **B61F 5/34** (2013.01)

Citation (search report)
• [A] US 3835789 A 19740917 - SINCLAIR F
• [A] US 3517620 A 19700630 - WEBER HANS B
• [A] US 4953471 A 19900904 - WRONKIEWICZ ROBERT D [US], et al
• [A] US 2207848 A 19400716 - BARROWS DONALD S

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1493644 A1 20050105; EP 1493644 B1 20070131; AT E353072 T1 20070215; DE 602004004567 D1 20070322;
DE 602004004567 T2 20071115; GB 0312276 D0 20030702; GB 0411722 D0 20040630; GB 2402198 A 20041201; GB 2402198 B 20051019;
PL 1493644 T3 20070731

DOCDB simple family (application)
EP 04253105 A 20040526; AT 04253105 T 20040526; DE 602004004567 T 20040526; GB 0312276 A 20030529; GB 0411722 A 20040526;
PL 04253105 T 20040526