

Title (en)
Magnetic rail brake device

Title (de)
Magnetschienenbremse

Title (fr)
Dispositif de frein magnétique sur rail

Publication
EP 0575935 B1 19980218 (DE)

Application
EP 93109865 A 19930621

Priority
DE 9208380 U 19920623

Abstract (en)
[origin: EP0575935A1] With the present invention, a magnetic rail break device is proposed which is suitable in particular for rail vehicles. The magnetic rail break consists essentially of a coil former (1) and a plurality of elements which are separated from one another by dividing walls (10), the elements being composed essentially of two magnetic pole shoes (3) and being connected rigidly to one another with a web component (2). The magnetic rail break is characterized in particular by its low overall constructional height and its relatively low weight. The operating voltage selected in the present case for the magnets is U=110 volts. The rated current is approximately 40 amps with a rated power of approximately 1.45 kW. <IMAGE>

IPC 1-7
B61H 7/08

IPC 8 full level
H02K 49/00 (2006.01); **B61H 7/08** (2006.01)

CPC (source: EP)
B61H 7/08 (2013.01)

Cited by
CN102991528A; NL1022885C2; WO2005100123A1; EP3655305B1

Designated contracting state (EPC)
AT BE CH DE DK ES FR IT LI NL SE

DOCDB simple family (publication)
EP 0575935 A1 19931229; EP 0575935 B1 19980218; AT E163282 T1 19980315; DE 59308153 D1 19980326; DE 9208380 U1 19920813; JP H0678517 A 19940318

DOCDB simple family (application)
EP 93109865 A 19930621; AT 93109865 T 19930621; DE 59308153 T 19930621; DE 9208380 U 19920623; JP 15210893 A 19930623