

Title (en)
Tilt mechanism

Title (de)
Neigevorrichtung

Title (fr)
Dispositif d'inclinaison.

Publication
EP 0908368 A1 19990414 (DE)

Application
EP 97117513 A 19971009

Priority
EP 97117513 A 19971009

Abstract (en)
The inclination device has a drive (31) and an associated transmission mechanism (33,34,35), with a variable transmission ratio, for controlled transverse inclination of the rail vehicle carriage (2) relative to the wheeled chassis (3). The transmission ratio of the transmission mechanism decreases as the angle of inclination of the vehicle carriage from its rest position increases.

IPC 1-7
B61F 5/22

IPC 8 full level
G01M 17/08 (2006.01); **B61F 5/22** (2006.01)

CPC (source: EP US)
B61F 5/22 (2013.01 - EP US)

Citation (search report)
• [A] EP 0764570 A2 19970326 - FIAT FERROVIARIA SPA [IT]
• [A] CH 480967 A 19691115 - INVENTIO AG [CH]
• [A] DE 2001282 A1 19700723 - DOMINION FOUNDRIES & STEEL

Cited by
AT514029A1; AT514029B1; GB2424214A; GB2424214B; US7377522B2; WO2005058620A1

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

DOCDB simple family (publication)
EP 0908368 A1 19990414; EP 0908368 B1 20000405; AT E191407 T1 20000415; CA 2249893 A1 19990409; CA 2249893 C 20020514; DE 59701407 D1 20000511; ES 2146947 T3 20000816; JP 3392359 B2 20030331; JP H11198807 A 19990727; US 6244190 B1 20010612

DOCDB simple family (application)
EP 97117513 A 19971009; AT 97117513 T 19971009; CA 2249893 A 19981008; DE 59701407 T 19971009; ES 97117513 T 19971009; JP 28841098 A 19981009; US 16853998 A 19981008