

Title (en)
POINTS CONTROL DEVICE

Title (de)
EINRICHTUNG ZUM UMSTELLEN VON WEICHEN

Title (fr)
DISPOSITIF DE COMMANDE D'AIGUILLE

Publication
EP 0825943 A1 19980304 (DE)

Application
EP 96910853 A 19960502

Priority
• AT 9600087 W 19960502
• AT 75995 A 19950503

Abstract (en)
[origin: WO9634786A1] The points control device has a plurality of interconnected regulation means (6) staggered along the track and hydraulically connected to a separate reversible hydraulic drive unit, in which the working chambers of the hydraulic cylinder-piston units (6) are connected in the same operating direction. The pistons (20) or plungers (11) have stop valves (18) to limit their travel.

IPC 1-7
B61L 5/04

IPC 8 full level
B61L 5/04 (2006.01)

CPC (source: EP US)
B61L 5/045 (2013.01 - EP US)

Citation (search report)
See references of WO 9634786A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9634786 A1 19961107; AT 403462 B 19980225; AT A75995 A 19970715; AT E188928 T1 20000215; AU 5392796 A 19961121; AU 703598 B2 19990325; CA 2220083 A1 19961107; CA 2220083 C 20010220; DE 59604244 D1 20000224; DK 0825943 T3 20000703; EP 0825943 A1 19980304; EP 0825943 B1 20000119; ES 2141492 T3 20000316; GR 3033037 T3 20000831; NO 975025 D0 19971031; NO 975025 L 19980102; PL 180128 B1 20001229; PL 323107 A1 19980316; PT 825943 E 20000630; RU 2143360 C1 19991227; US 6056244 A 20000502

DOCDB simple family (application)
AT 9600087 W 19960502; AT 75995 A 19950503; AT 96910853 T 19960502; AU 5392796 A 19960502; CA 2220083 A 19960502; DE 59604244 T 19960502; DK 96910853 T 19960502; EP 96910853 A 19960502; ES 96910853 T 19960502; GR 20000400723 T 20000322; NO 975025 A 19971031; PL 32310796 A 19960502; PT 96910853 T 19960502; RU 98104705 A 19960502; US 94529298 A 19980209