

Title (en)
Brake for a marshalling plant

Title (de)
Gleisbremsanlage für Rangierbahnhöfe

Title (fr)
Frein de voie pour un complexe de triage

Publication
EP 0637535 B1 19971217 (DE)

Application
EP 94111615 A 19940726

Priority
DE 4325025 A 19930726

Abstract (en)
[origin: EP0637535A1] The invention relates to a rail brake system for marshalling yards, having at least one group of brake elements (5) which are attached one behind the other to the rail web and can be moved out of an inactive home position into an active braking position using an electric control, at least one control line which is common to all the brake elements (5) and to which actuator elements (9) which are assigned to the brake elements (5) are connected being provided. The electric connection power of such a rail brake system is substantially reduced by providing a locking line (V) and an unlocking line (E), by assigning to each actuator element (9) a locking switch (II) which is actuated thereby and arranged in the locking line (V), and an unlocking switch (I) which is actuated thereby and arranged in the unlocking line (E), and by connecting the actuator elements (9) electrically into the circuit which leads from the switches to a return line (R) in such a way that the actuator elements (9) are actuated successively in a cascade-like manner. Alternatively, the invention provides for the actuator elements (9) to engage on associated locking elements (8) which can be moved between a position of rest in which they are disengaged from the brake elements (5), and a locking position in which they hold the brake elements (5) in the inactive home position.

IPC 1-7
B61K 7/02

IPC 8 full level
B61K 7/02 (2006.01)

CPC (source: EP)
B61K 7/025 (2013.01)

Cited by
US6520298B1; WO9944876A1

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

DOCDB simple family (publication)
EP 0637535 A1 19950208; EP 0637535 B1 19971217; AT E161237 T1 19980115; DE 4325025 A1 19950202; DE 59404811 D1 19980129

DOCDB simple family (application)
EP 94111615 A 19940726; AT 94111615 T 19940726; DE 4325025 A 19930726; DE 59404811 T 19940726