

Title (en)
ELECTRIC SUPPLY RAIL WITH COLLECTING CARRIAGE

Title (de)
STROMZUFÜHRSCHIENE MIT STROMABNEHMERWAGEN

Title (fr)
RAIL D'ALIMENTATION ELECTRIQUE AVEC CHARIOT COLLECTEUR

Publication
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Application
EP 01972145 A 20010911

Priority
FR 0102824 W 20010911

Abstract (en)
[origin: WO03022619A1] The invention concerns a power supply rail (1) in the form of a profiled section (3), wherein are longitudinally arranged electrically conductive tracks (4), which co-operate with current collector shoes (11) borne by the collector carriage (2), guided by the rail (1), said carriage being connected to a mobile element to be electrically powered. Inside the rail (1) is provided a continuous position and/or displacement detecting track (17), which co-operates with a detector (18) borne by the part (7) of the collector carriage (2) housed inside the rail (1). The detector is linked to signal processing means (23). The instantaneous position and/or the displacement of the associated mobile element can thus be controlled.

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