

ABSTRACT
TRAILING CABLE DEVICE

The present invention discloses a trailing cable device in which several cable
5 carriages (1, 11) are guided along a platform girder (2). At least one cable (3) is
guided over the cable carriages and spring mounted train connections (4) extend
between the cable carriages (1, 11). Each train connection (4) has at least one series
arrangement of an essentially inelastic traction mechanism (5) and an elastic traction
mechanism (6). The or each series arrangement also has an inelastic connection (7) the
10 length of which exceeds the length of the unstretched elastic traction member (6). The
maximum extension of the inelastic connection (7) is fixed or predetermined and the
inelastic connection (7) is arranged in parallel with the elastic traction mechanism (6).
Both the inelastic connection (7) and the inelastic traction mechanism (5) are arranged
as a chain or cable, one portion of which is connected with one end of the elastic
15 traction mechanism (6).

Fig. 2