

**Drive Apparatus for a Slidable Divider Element, Drive Assembly
and Divider Element**

Abstract

The apparatus for driving a divider element (3) which is
5 slidable linearly and/or in curves, and being optionally
rotatable and parkable, comprises a drive assembly (2) which
is guided by two running wheels (211) on a running surface
(12) of a rail (1), which drive assembly (2) has a drive shaft
(9) driven by an electric motor (43) and a gearing (44), the
10 drive shaft (9) being coupled by a toothed gear (91) to a
toothed belt (51) connected to the rail (1), and which drive
assembly (2) is connectable by a load shaft (7) to the divider
element (3). According to the invention, the drive assembly
(2) has a traveling assembly unit (21) with a traveling
15 assembly body (210) in which the drive shaft (7), emerging
vertically downward from the drive assembly (2), and wheel
shafts (212) perpendicular thereto for the running wheels
(211) are held, and which traveling assembly body (210) has a
head piece (2101) which is detachably connected to a drive
20 unit (22), in which the electric motor (43), and the gearing
(44) are arranged such that the drive shaft (9) emerges
vertically upward from the drive assembly (2) so as to enable
the toothed gear (91) mounted on the drive shaft (9) to engage
the toothed belt (51) retained above the running surface (12)
25 of the rail (1).

(Figure 17)