

## SORTING CONVEYOR PROVIDED WITH CROSS SORTER

### ABSTRACT

A sorting conveyor comprising a number of connected transporting units (1) is operable to travel on a curved part of a traveling path. Each transporting unit (1) has an endless belt conveyor (2) operable to drive in a direction perpendicular to the traveling path. A chassis of the transporting unit comprises a beam shaped link (5) connectable to the front and rear ends thereof via connecting units (14), and a base (7) fixed to the center of the upper part of the link (5). Center guide wheels (8) suspended from the connecting unit (14) at the end of the link (6) come into contact with a guide rail of the transporting route. Traveling wheels (9) and guide wheels (10) mounted near each of the two ends of the base (7) come into contact with a guide rail on each respective side of the transporting route.

Fig. 3