

Title (en)
TRANSPORTATION SYSTEM

Title (de)
TRANSPORTANLAGE

Title (fr)
INSTALLATION DE TRANSPORT

Publication
EP 1890923 A1 20080227 (DE)

Application
EP 06741034 A 20060612

Priority

- AT 2006000235 W 20060612
- AT 9952005 A 20050613
- AT 10882005 A 20050628

Abstract (en)
[origin: WO2006133468A1] A transportation system has at least one rail (1) which is preferably mounted on the floor or suspended from a self-supporting frame and on which transportation wagons (8) can be moved by means of at least one crab (7), and on at least one side has a guide device (9, 10) which stabilizes the attitude and position of the transportation wagon (8) above the rail (1, 2). A drive unit (6) which has a plurality of running rollers (5) and which can be pivoted about the axis of the rail (1) with respect to the crab (7) is provided in the crabs (7) of the transportation wagons (8). Branches in which the rail (1) forms into two rail branches (2) are provided in the rail (1). Grooves (3) can be formed on the upper surface of the rails (1) and rail branches (2) in the region of the branch. Pivot angles (s) and angle covering means (d) of the drive unit (6) and depth of the grooves (3), if present, are greatly reduced compared to previous solutions. As a result, the carrier rail (1) can also be supported in the downward direction on branches and travelling over sets of points is made easier. The rotation of the drive unit (6) with respect to the crab (7) which determines the direction of travel on the set of points can be carried out over a relatively large region of the line and thus at a higher travel speed.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
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DOCDB simple family (publication)
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