

Title (en)

Drive element for the load-carriers of an overhead conveyor system

Title (de)

Antriebsselement für die Lastträger einer Hängeförderanlage

Title (fr)

Élément d'entraînement pour les porte-charges d'un système de convoyeur aérien

Publication

**EP 0603466 B1 19970108 (DE)**

Application

**EP 93114201 A 19930904**

Priority

DE 4244154 A 19921224

Abstract (en)

[origin: US5429055A] A drive element for rail-guided load carriers of an overhead conveyor system in which the driver, which is mounted on the drive element via a hole, has a horizontal groove which extends outward from the hole. Too high a horizontal force acting on the driver causes the drive to be pulled off of the pin. Thus, the drive element which is continuously driven via a drive chain can travel past a conveyor carriage which is blocked in the direction of conveyance without the drive element or the conveyor carriage being destroyed. In order to prevent a driver that has been pulled off of the pin from doing any damage, it is secured via a wire bow which is inserted into a continuous hole provided on the driver. If the overhead conveyor system is developed with branches and a pusher is arranged on the conveyor chain behind each conveyor carriage for pushing the conveyor carriage onto a branch, the pusher claw can be developed in the same way as the driver.

IPC 1-7

**B61B 10/02**

IPC 8 full level

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CPC (source: EP US)

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