

Title (en)

Device for keeping free a conveyor region of an overhead conveyor in an emergency

Title (de)

Vorrichtung zum Freihalten eines Förderstreckenbereichs einer Hängeförderanlage bei Alarm

Title (fr)

Dispositif pour laisser libre la piste du trajet de convoyage de l'installation d'un transporteur aérien en cas d'alarme

Publication

**EP 0611710 B1 19970102 (DE)**

Application

**EP 93117223 A 19931023**

Priority

DE 4304369 A 19930213

Abstract (en)

[origin: US5485791A] A device for removing conveyor carriages from a conveyor-path region of an overhead conveyor in the event of an alarm, particularly in the region of a fire door. The overhead conveyor has a plurality of conveyor carriages received on a travel rail, a drivable pull line driven by a main drive for the conveyor carriages, and a plurality of drivers connected to the pull line, on each of which displaceable stop pawls are arranged. Within the conveyor-path region that is to remain clear, there is arranged in a fixed position a rail which acts upon the drivers as they pass the rail and in each case swings the stop pawl not in contact with the conveyor carriage into a non-driving position, so that upon the triggering of an alarm, although the overhead conveyor is stopped, a conveyor carriage present in the conveyor-path region can be moved out of conveyor-path region by an auxiliary drive which is also located in the conveyor-path region.

IPC 1-7

**B65G 17/20**; **B61B 10/02**; **B65G 43/00**

IPC 8 full level

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CPC (source: EP US)

**B61B 10/025** (2013.01 - EP US)

Cited by

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**US 5485791 A 19960123**; AT E147051 T1 19970115; DE 4304369 C1 19940407; DE 59304981 D1 19970213; EP 0611710 A2 19940824; EP 0611710 A3 19950104; EP 0611710 B1 19970102; JP H06247286 A 19940906

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**US 19448894 A 19940210**; AT 93117223 T 19931023; DE 4304369 A 19930213; DE 59304981 T 19931023; EP 93117223 A 19931023; JP 29561793 A 19931125