

Title (en)

Hydraulic tensioning system in passenger conveyors.

Title (de)

Hydraulisches Spannungssystem für Passagierförderer.

Title (fr)

Système hydraulique de tension pour convoyeurs de passagers.

Publication

EP 0547737 A2 19930623 (EN)

Application

EP 92306886 A 19920728

Priority

US 80957991 A 19911217

Abstract (en)

A hydraulic tensioning device is disclosed for use in a passenger conveyor which includes a series of passenger platforms supported on and movable along a frame which includes side support tracks for chain driven support rollers mounted on the platforms. A turnaround track assembly is located at an end of the conveyor with track means on each side thereof. The turnaround track assembly is movably mounted relative to the frame and side support tracks. A chain tensioning system is operatively associated between the turnaround track assembly and the frame. The system includes a hydraulic tensioning device interconnected between the turnaround track assembly and the frame on each side of the conveyor. A source of pressurized hydraulic fluid communicates with the tensioning devices. An accumulator hydraulically interconnects the tensioning devices to equalize tensioning between the side of the conveyor.

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IPC 8 full level

B66B 23/02 (2006.01); **B66B 23/16** (2006.01); **B66B 23/18** (2006.01)

CPC (source: EP KR)

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Cited by

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