

Title (en)  
CONVEYOR SYSTEM WITH MOVEMENT-CONTROLLED CONVEYOR VEHICLES

Publication  
**EP 0164302 A3 19880907 (DE)**

Application  
**EP 85730076 A 19850605**

Priority  
US 61734884 A 19840605

Abstract (en)  
[origin: US4630216A] A computer-controlled conveying system is provided for use in transporting materials between different locations. The system includes a plurality of carriages for receiving and holding the materials and a track along which the carriages move in transporting the materials. Each of the carriages has a unique identifier, which is used by a system controller to monitor and control the movement of the carriage. A number of transfer units, and corresponding transfer unit controllers, are provided along the track. The transfer unit controllers communicate with a system controller and, in conjunction with the transfer units and information received from the system controller, act to provide the desired path for end of the carriages.

IPC 1-7  
**B61L 27/00**; **B65G 47/50**

IPC 8 full level  
**B65G 47/50** (2006.01); **B61B 1/00** (2006.01); **B61L 23/00** (2006.01); **B61L 27/00** (2006.01); **G05D 1/02** (2006.01)

CPC (source: EP US)  
**B61L 23/005** (2013.01 - EP US); **B61L 27/12** (2022.01 - EP US); **B61L 27/14** (2022.01 - EP US)

Citation (search report)  
• [Y] US 3908113 A 19750923 - MAXHAM KENNETH Y, et al  
• [Y] US 3803556 A 19740409 - DUFFY T  
• [A] US 3888437 A 19750610 - BIRKIN MICHAEL S  
• [A] US 4168760 A 19790925 - PAUL JR RALPH E, et al

Cited by  
FR2593155A1; US4926753A; AU617550B2; DE102005042532A1; US5236156A; FR2621878A1; DE102010007191A1; DE10041940B4; AT519829A1; US6250590B1; WO9831580A1; WO8706551A1; WO8904012A1; WO9004532A1; WO2019169643A1; US10030336B2; US10370195B2; EP0282357B1

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