

Title (en)  
CONVEYOR SYSTEMS.

Title (de)  
FOERDERSYSTEME.

Title (fr)  
SYSTEMES TRANSPORTEURS.

Publication  
**EP 0207073 A4 19870824 (EN)**

Application  
**EP 85900384 A 19841207**

Priority  
US 8402006 W 19841207

Abstract (en)  
[origin: WO8603476A1] Systems for conveying articles of a parallelepipedal or generally parallelepipedal configuration from a first location (A) to a second location (B). The systems include a gripper conveyor (20) and an ancillary system (30, 32) which insures that the gripper assemblies (34) will securely seize successive articles delivered to the conveyor as the gripper assemblies move at high speed past an article pick-up point (A). A novel gripper assembly construction, emergency deflection (D) of articles from the gripper conveyor, single article or small count drop-off of articles along the conveyor route, adjustments to accommodate articles of different thicknesses and cut-off lengths, a linear drive system (140, 142) which reduces loads on the moveable conveyor components, and gripper assembly associated and incorporated mechanisms (230) which insure that the jaws of the gripper assemblies both remain closed and positively open during specified portions of their operating cycle are among the other salient features which the article conveyor systems disclosed herein or sub-systems of the latter may have.

IPC 1-7  
**B65G 47/86**; **B65G 23/14**; **B65H 29/04**

IPC 8 full level  
**B65G 17/32** (2006.01); **B65G 17/46** (2006.01); **B65G 47/57** (2006.01); **B65H 29/04** (2006.01)

CPC (source: EP)  
**B65G 17/323** (2013.01); **B65G 47/57** (2013.01); **B65H 29/003** (2013.01); **B65H 29/669** (2013.01); **B65G 2201/02** (2013.01); **B65H 2301/44712** (2013.01); **B65H 2301/44732** (2013.01); **B65H 2555/13** (2013.01)

Citation (search report)  

- No relevant documents have been disclosed.
- See references of WO 8603476A1

Designated contracting state (EPC)  
CH GB LI

DOCDB simple family (publication)  
**WO 8603476 A1 19860619**; EP 0207073 A1 19870107; EP 0207073 A4 19870824; JP S61136855 A 19860624

DOCDB simple family (application)  
**US 8402006 W 19841207**; EP 85900384 A 19841207; JP 21778285 A 19850930