

Title (en)
Vacuum conveyor

Title (de)
Vakuum-Förderer

Title (fr)
Convoyeur par dépression

Publication
EP 0773177 A3 19971029 (EN)

Application
EP 96301851 A 19960319

Priority
US 55510395 A 19951108

Abstract (en)
[origin: EP0773177A2] A vacuum conveyor for moving an object such as corrugated paperboard having at least one relatively planar surface, and the planar surface of the object having a substantial area relatively impermeforate to vacuum transmission, and formed from a material having a selected stiffness resisting selected bending including; an elongated vacuum chamber having first openings; an elongated endless belt having a plurality of first perforated openings positioned for vacuum communication with the openings in the vacuum chamber, having a stiffness capable of maintaining a portion of the area of the endless belt; a generally planar laterally and longitudinally extending first belt support having a width less than the width of the endless belt and having first openings in vacuum communication with the vacuum chamber and extending over a substantial elongated portion of the endless belt; a vacuum generator providing a suction in the vacuum chamber; and a drive motor for moving the endless belt longitudinally. <IMAGE>

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B65H 5/22

IPC 8 full level
B65G 15/58 (2006.01); **B65H 5/22** (2006.01); **B65H 29/24** (2006.01)

CPC (source: EP)
B65H 5/224 (2013.01); **B65H 2406/3223** (2013.01)

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