

Title (en)  
Machine for packing and unpacking articles

Title (de)  
Ein- und Auspackmaschine für Gegenstände

Title (fr)  
Machine pour emballer et déballer des objets

Publication  
**EP 0603551 B1 19960327 (DE)**

Application  
**EP 93118656 A 19931119**

Priority  
DE 4243010 A 19921219

Abstract (en)  
[origin: JPH06298216A] PURPOSE: To provide a packing machine that is small in size, occupies small area, and simultaneously packs objects in a packing case and takes out objects from the packing case with high productivity. CONSTITUTION: A packing machine comprises: packing heads 1 that continuously circulate on a closed orbit and are equipped with at least one controllable gripper; packing case conveyors 7 and 8 that successively pass packing cases 3 and 4 along the machine on a horizontal plane; object conveyors 9 and 10 that run parallel to the packing case conveyors 7 and 8 in the circulating area of packing heads 1; and a controlling device that forces the pack heads 1 to move relative to the packing case conveyors 7 and 8 and also to the object conveyors 9 and 10.

IPC 1-7  
**B65B 21/18**

IPC 8 full level  
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CPC (source: EP KR US)  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**DE 4243010 A 19921219**; BR 9305080 A 19931216; CN 93121021 A 19931218; DE 59302049 T 19931119; EP 93118656 A 19931119; JP 32040793 A 19931220; KR 930027797 A 19931215; US 16652793 A 19931214