

Title (en)  
DEVICE FOR TRANSPORTING AND PILING FLAT OBJECTS

Publication  
**EP 0501213 B1 19930811 (FR)**

Application  
**EP 92102172 A 19920210**

Priority  
FR 9102522 A 19910226

Abstract (en)  
[origin: JPH0543105A] PURPOSE: To provide a device for conveying and piling workpieces at a high speed without causing damage thereon by providing highly stable operation and high accuracy of piling. CONSTITUTION: A device for conveying and piling workpieces comprises a conveyer 13. The conveyer 13 includes a plurality of endless belts 19. The endless belts 19 are operated in stages and are disposed in parallel below a vacuum chamber 29. The vacuum chamber 29 forms ducts, which are separated from one another in a horizontal direction and comprise openings at the bottoms. An ejector lever 20 acting on an upper part 51 of a flexible tape 32 is provided in each of the ducts. The flexible tape 32 is connected to a beam member 7 and a compensation means 35 containing a compression spring. The conveyer is disposed above a piling store 14. The piling store comprises a grid in which a roller conveyer 18 removes a batch 47. The device is used for exchanging a sheet and a corrugated board, especially for conveying and piling a corrugated board plate.

IPC 1-7  
**B65H 29/32**

IPC 8 full level  
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CPC (source: EP KR US)  
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Cited by  
CN115946459A; WO2020173606A1; FR3093097A1; US11912524B2; WO2010086087A1; WO2020173604A1; FR3093096A1; US11932507B2

Designated contracting state (EPC)  
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