

Title (en)
DEVICE FOR DEPOSITING SHEETS AT A PILING STATION

Publication
EP 0353623 B1 19930310 (DE)

Application
EP 89113828 A 19890727

Priority
• DE 3826292 A 19880803
• DE 3920407 A 19890622

Abstract (en)
[origin: JPH02163261A] PURPOSE: To prevent a thin sheet from being damaged in a stopper in a stacking location, by constituting an overhead suspension mechanism into a structure having a corrugated shaped section extending in the conveying direction in the range of a stacking location. CONSTITUTION: A sheet having the front edge which collides with a stopper 8 is advanced along the corrugated shape of an overhead suspension mechanism 15, and high rigidity is provided by the corrugated shape. Accordingly, the sheet is not affected by uncontrollable re-acceleration of a late sheet causing buckling and damage. Overlapping stations 9, 10 provided in stacking locations 2, 3 are so designed that the conveying speed for the sheet may be decreased to a value in which the sheet having rigidity increased by the corrugated sectional shape given in the ranges of the stacking locations 2, 3 may withstand remaining impact force to a stopper 8 in the stacking place 2, in consideration of the conveying speed for the incoming sheet and the material rigidity.

IPC 1-7
B65H 9/14; B65H 29/22; B65H 29/70

IPC 8 full level
B65H 29/24 (2006.01); **B65H 9/14** (2006.01); **B65H 29/22** (2006.01); **B65H 29/58** (2006.01); **B65H 29/68** (2006.01); **B65H 29/70** (2006.01); **B65H 31/24** (2006.01)

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Cited by
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EP 0353623 A1 19900207; EP 0353623 B1 19930310; DE 3920407 A1 19900208; DE 3920407 C2 19930708; DE 58903704 D1 19930415; JP H02163261 A 19900622; US 5060928 A 19911029

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