

Title (en)

Apparatus for collecting or stacking flat workpieces on a stacking table.

Title (de)

Vorrichtung zum Sammeln oder Stapeln von flachen Werkstücken auf einem Stapeltisch.

Title (fr)

Dispositif pour le rassemblement ou l'empilage de pièces plates sur une table d'empilage.

Publication

**EP 0528126 B1 19951206 (DE)**

Application

**EP 92109388 A 19920603**

Priority

DE 4123399 A 19910715

Abstract (en)

[origin: EP0528126A1] The invention relates to an apparatus for collecting or stacking flat workpieces, conveyed on a transport cylinder provided with holding tongues, on a stacking table attached to the transport cylinder (30), the apparatus being provided with a device which opens the holding or folding tongues (13) before the setting-down table is reached, and with a device which brakes the workpieces, in such a way that the workpieces are set down on the stacking table at a lower speed than the peripheral speed of the transport or folding tongue cylinders. To solve the object of developing this apparatus further in such a way that workpieces or bags can be braked gently in such a way that they can be set down on the stacking table substantially without shocks, the braking device consists of a row of suction nipples or a suction belt which revolves at a lower speed than the transport or folding tongue cylinder.

IPC 1-7

**B31B 19/98**; **B65H 29/68**; **B65H 29/24**

IPC 8 full level

**B65H 29/24** (2006.01); **B31B 19/98** (2006.01); **B65H 29/68** (2006.01); **B65H 31/06** (2006.01); **B65H 35/06** (2006.01)

CPC (source: EP US)

**B65H 29/68** (2013.01 - EP US); **B65H 31/06** (2013.01 - EP US); **B31B 70/986** (2017.07 - EP US); **B65H 2301/42146** (2013.01 - EP US); **B65H 2701/191** (2013.01 - EP US)

Cited by

DE102006029140B3; EP0673868A3; WO2007147728A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 4123399 A1 19930121**; DE 59204567 D1 19960118; EP 0528126 A1 19930224; EP 0528126 B1 19951206; JP 3354962 B2 20021209; JP H05193808 A 19930803; US 5308056 A 19940503

DOCDB simple family (application)

**DE 4123399 A 19910715**; DE 59204567 T 19920603; EP 92109388 A 19920603; JP 18411092 A 19920710; US 91342092 A 19920715