

Title (en)

Sorting device for cut flat elements.

Title (de)

Sortiereinrichtung für flächige Zuschnitte.

Title (fr)

Dispositif de tri pour des éléments plats découpés.

Publication

**EP 0403901 B1 19950510 (DE)**

Application

**EP 90110940 A 19900609**

Priority

DE 3920417 A 19890622

Abstract (en)

[origin: JPH0367854A] PURPOSE: To select blanks running mutually independently along separate passages, in a simple way in accordance with predetermined reference by providing a reversible means near a sorting position. CONSTITUTION: Flat blanks 15, 16, 16' are transferred to a carrying direction as shown by an arrow mark 6 along a conveyor 3 while being arranged in parallel at two practical widths 4, 5 and separated from the conveyor 3 near sorting gates 17. In this case, at least one sorting gate 17 has at least two individual and separate gates 18, 19. The respective gates 18, 19 are provided in a reversible manner for the practical widths 4, 5.

IPC 1-7

**B07C 5/36**; B07C 5/38; B65H 29/58

IPC 8 full level

**B07C 5/36** (2006.01); **B07C 5/38** (2006.01); **B65H 29/58** (2006.01); **B65H 29/60** (2006.01); **B65H 29/62** (2006.01)

CPC (source: EP US)

**B07C 5/36** (2013.01 - EP US); **B07C 5/38** (2013.01 - EP US); **B65H 29/58** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US); **Y10T 83/2024** (2015.04 - EP US); **Y10T 83/2085** (2015.04 - EP US); **Y10T 83/2087** (2015.04 - EP US)

Cited by

US5354047A; US5441252A; AU665603B2; WO2004103656A1; WO9312027A3; WO2008052040A3; US8030588B2; US9152145B2; US10099256B2; US10766055B2; US11247242B2

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

**EP 0403901 A2 19901227**; **EP 0403901 A3 19920401**; **EP 0403901 B1 19950510**; **EP 0403901 B2 19980325**; DE 3920417 A1 19910103; DE 59009045 D1 19950614; ES 2071702 T3 19950701; ES 2071702 T5 19980701; JP 2901086 B2 19990602; JP H0367854 A 19910322; US 5235883 A 19930817

DOCDB simple family (application)

**EP 90110940 A 19900609**; DE 3920417 A 19890622; DE 59009045 T 19900609; ES 90110940 T 19900609; JP 15888590 A 19900619; US 53748890 A 19900613