

Title (en)

Switching device in a plate-shaped products conveyor

Title (de)

Weichenvorrichtung in einem Förderer für plattenförmige Gegenstände

Title (fr)

Dispositif d'aiguillage dans un transporteur d'éléments en plaque

Publication

EP 0884262 B1 20030730 (FR)

Application

EP 98110379 A 19980606

Priority

CH 143297 A 19970612

Abstract (en)

[origin: EP0884262A1] The switching system, designed for a first lower rear conveyor (40) which ends at a forward driven roller (42) and a second lower forward conveyor (50) which is located after the first and starts at a driven rear roller (52), has a mechanism (60) between the two driven rollers (42,52). The mechanism has a cross-section with a rearward facing angle on one face and an oblique face with an ejection trajectory on a second. It also has diverging elements (26,32) just above the forward half of the first conveyor's front roller.

IPC 1-7

B65H 29/62

IPC 8 full level

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

CPC (source: EP KR US)

B65H 29/12 (2013.01 - KR); **B65H 29/58** (2013.01 - EP US); **B65H 29/62** (2013.01 - EP KR US); **B65H 2404/2613** (2013.01 - EP KR US); **B65H 2701/1766** (2013.01 - EP KR US)

Citation (examination)

- US 5472185 A 19951205 - KOLLANN ROLF [DE], et al
- FR 2688493 A1 19930917 - HEIDELBERGER DRUCKMASCH AG [DE]

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US9868607B2; WO2014146757A1

Designated contracting state (EPC)

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EP 0884262 A1 19981216; EP 0884262 B1 20030730; AT E246139 T1 20030815; AU 6899298 A 19981217; AU 737195 B2 20010809; BR 9802367 A 19991005; CA 2240602 A1 19981212; CA 2240602 C 20040217; CH 691299 A5 20010629; CN 1081596 C 20020327; CN 1202451 A 19981223; DE 69816717 D1 20030904; DE 69816717 T2 20040603; DK 0884262 T3 20031124; ES 2205320 T3 20040501; JP 3068561 B2 20000724; JP H1111772 A 19990119; KR 100311102 B1 20011212; KR 19990006900 A 19990125; US 6082733 A 20000704

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