

Title (en)
Sheet transport device

Title (de)
Bogentransportvorrichtung

Title (fr)
Dispositif de transport de feuilles

Publication
EP 1228994 B1 20100714 (FR)

Application
EP 02001294 A 20020118

Priority
CH 1792001 A 20010201

Abstract (en)
[origin: CA2369940A1] The sheet conveyance device used in a converting press for paper or cardboard sheets having at least one feeding station, a converting station, a waste stripping station and a delivery station for converted sheets, comprises two endless gripper bar chains (5, 6) assembled for conveying the sheets from the feeding station to the delivery station, a transverse driving shaft (2) equipped with driving wheels (3, 3') for the endless gripper bar chains (5, 6) and at least one device for sheets capture secured to the endless gripper bar chains (5, 6). The transverse driving shaft (2) is separately driven from the other press stations by at least one independent motor/reductor (1). The independent motor/reductor (1) is able to function in driving cycles including at least one motion phase and one deceleration and/or braking phase controlled by a control device (CDE), each independent motor driving cycle duration being equivalent to a converting cycle duration of said converting station.

IPC 8 full level
B31B 19/02 (2006.01); **B65H 29/04** (2006.01); **B26D 5/20** (2006.01); **B26F 1/40** (2006.01)

CPC (source: EP KR US)
B65H 29/044 (2013.01 - EP KR US); **B65H 2301/4493** (2013.01 - EP KR US); **B65H 2403/943** (2013.01 - EP KR US);
B65H 2513/20 (2013.01 - EP KR US); **B65H 2513/40** (2013.01 - EP KR US); **B65H 2513/50** (2013.01 - EP KR US);
B65H 2553/51 (2013.01 - EP KR US); **B65H 2701/176** (2013.01 - EP KR US); **B65H 2801/42** (2013.01 - EP KR US)

C-Set (source: EP US)
1. **B65H 2513/20** + **B65H 2220/02**
2. **B65H 2513/40** + **B65H 2220/02**
3. **B65H 2513/50** + **B65H 2220/02**

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EP 1228994 A2 20020807; **EP 1228994 A3 20040331**; **EP 1228994 B1 20100714**; AT E473939 T1 20100715; AU 1471402 A 20020808;
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CN 1172835 C 20041027; CN 1369369 A 20020918; DE 60236977 D1 20100826; ES 2348292 T3 20101202; JP 2002284419 A 20021003;
JP 3735072 B2 20060111; KR 100435248 B1 20040611; KR 20020064171 A 20020807; TW 536519 B 20030611; US 2002101028 A1 20020801;
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EP 02001294 A 20020118; AT 02001294 T 20020118; AU 1471402 A 20020130; BR 0200270 A 20020131; CA 2369940 A 20020131;
CH 1792001 A 20010201; CN 02102803 A 20020122; DE 60236977 T 20020118; ES 02001294 T 20020118; JP 2002025090 A 20020201;
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