

Title (en)

STACKER WHEEL CONTROL APPARATUS AND METHOD UTILIZING START-STOP SYNCHRONIZATION

Title (de)

VORRICHTUNG ZUM STEuern EINES STAPELRADES UND START-STOP SYNCHRONISIERUNG GEBRAUCHENDES VERFAHREN

Title (fr)

APPAREIL DE REGULATION DE ROUE EMPILEUSE ET PROCEDE METTANT EN OEUVRE UNE SYNCHRONISATION ARYTHMIQUE

Publication

EP 1299299 A2 20030409 (EN)

Application

EP 01957844 A 20010612

Priority

- EP 0106646 W 20010612
- US 21118400 P 20000613

Abstract (en)

[origin: WO0196220A2] An inspection and/or processing apparatus for sheets such as banknotes includes a stacker wheel arrangement in which, rather than continuously rotating the stacker wheel and decelerating or accelerating the wheel to adjust the wheel speed in order to cause the grooves to align with the entrance chute at the same time that sheets arrive at the wheel, the stacker wheel is rotated only between sheet arrivals, and only for the purpose of indexing the stacker wheel to a new position at which a sheet can enter the stacker wheel without jamming. Indexing of the stacker wheel follows a predetermined profile, and the stacker wheel held stationary at each predetermined aligned position until a respective individual sheet has entered the stacker wheel.

IPC 1-7

B65H 29/40

IPC 8 full level

B65H 29/40 (2006.01)

CPC (source: EP)

B65H 29/40 (2013.01); **B65H 2511/212** (2013.01); **B65H 2511/515** (2013.01); **B65H 2513/40** (2013.01); **B65H 2513/512** (2013.01); **B65H 2701/1912** (2013.01)

Citation (search report)

See references of WO 0196220A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0196220 A2 20011220; **WO 0196220 A3 20020510**; AT E291554 T1 20050415; AU 7965601 A 20011224; DE 60109619 D1 20050428; DE 60109619 T2 20060427; EP 1299299 A2 20030409; EP 1299299 B1 20050323; RU 2249555 C2 20050410

DOCDB simple family (application)

EP 0106646 W 20010612; AT 01957844 T 20010612; AU 7965601 A 20010612; DE 60109619 T 20010612; EP 01957844 A 20010612; RU 2002135636 A 20010612