

Title (en)

Feeding/storing apparatus for rod-shaped articles.

Title (de)

Zuführ- und Speichervorrichtung für stangenförmige Gegenstände.

Title (fr)

Appareil d'alimentation et de stockage pour articles en forme de barres.

Publication

EP 0557933 A1 19930901

Application

EP 93102773 A 19930222

Priority

JP 3960192 A 19920226

Abstract (en)

A circular-arc shaped movable conveyor (3) is horizontally turned along a circular-arc orbital path of a stationary conveyor (5) according to the difference between the feeding-in amount from feeding-in port (2) to the movable conveyor (3) and the feeding-out amount from the stationary conveyor (5) to a feeding-out port (6). Thus, the capacities of an upper compartment (3') on the movable conveyor (3) and a lower compartment (5) on the stationary conveyor (5) are increased and decreased, so that the imbalance between the demand to a post-processing machine (B) and the supply from a pre-processing machine (A) can be adjusted. Furthermore, the rod-shaped articles (T) are fed from the feeding-in port (2) to the feeding-out port (6) while sequentially passing through the upper compartment (3') and the lower compartment (5'). <IMAGE>

IPC 1-7

A24C 5/35

IPC 8 full level

B65B 19/04 (2006.01); **A24C 5/35** (2006.01)

CPC (source: EP)

A24C 5/35 (2013.01)

Citation (search report)

- [A] GB 2065057 A 19810624 - GD SPA
- [AD] GB 2135951 A 19840912 - GD SPA
- [A] GB 995663 A 19650623 - ALAN KEITH MCCOMBIE, et al
- [A] GB 2104030 A 19830302 - MOLINS PLC [GB]
- [A] US 4042094 A 19770816 - SCHMERMUND ALFRED

Cited by

WO9854988A1; CN104016078A

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0557933 A1 19930901; **EP 0557933 B1 19970108**; DE 69307160 D1 19970220; DE 69307160 T2 19970528; JP H05229512 A 19930907

DOCDB simple family (application)

EP 93102773 A 19930222; DE 69307160 T 19930222; JP 3960192 A 19920226