

Title (en)

Bin receiver mechanism for a continuous paper sorting machine.

Title (de)

Empfänger mit Sammelfächern für eine kontinuierlich arbeitende Sortiermaschine.

Title (fr)

Récepteur à casiers pour une machine de triage continu.

Publication

EP 0005042 A1 19791031 (EN)

Application

EP 79300626 A 19790412

Priority

US 89727378 A 19780417

Abstract (en)

Receiver mechanism for a continuous paper sorting machine, in which the receiver 10 is comprised of two columns of inclined side-by-side stacks of paper storage bins with entrances for receiving paper sheets from a reversible feeder conveyor 14. The receiver 10 is mounted on track means 16 for lateral movement relative to its feeder mechanism 14, such that the bin entrances move past the feeder 14 in a generally vertical plane. The bins within the receiver 10 are vertically spaced from each other by a predetermined distance and are laterally offset by a predetermined amount of overlap. The bottom bin of one column is laterally offset by the same incremental distance from the top bin of the next column as adjacent bins in one column. There may be several receiver modules each including two inclined columns and they may be detachably secured together.

IPC 1-7

B65H 31/24

IPC 8 full level

B65H 39/11 (2006.01)

CPC (source: EP)

B65H 39/11 (2013.01)

Citation (search report)

- US 3938801 A 19760217 - HOLLIDAY DAVID H
- US 3963235 A 19760615 - SNELLMAN DONALD L, et al

Cited by

US8063193B2

Designated contracting state (EPC)

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