Title (en)

METHOD AND DEVICE FOR FORMING PILES FROM FLAT ARTICLES (SHEETS)

Publication

EP 0270943 B1 19910821 (DE)

Application

EP 87117539 A 19871127

Priority

DE 3642259 A 19861211

Abstract (en)

[origin: US4878659A] Successive stacks of paper sheets are gathered from successive sheets of a stream of sheets at a first station where the sheets are fed downwardly to form a lowermost stack on mobile belt conveyors mounted on a reciprocable carriage, and a growing stack on top of the lowermost stack. When the growing stack is converted into a fully grown stack, the lowermost stack is transferred by the conveyors to a processing station and the fully grown stack is lowered to the level of the removed stack. The underside of each stack which is being removed from the first station is in large-area contact with the belt conveyors, and the front marginal portion of the stack which is being transported away from the first station is engaged and held by a jaw which is movable up and down as well as with the belt conveyors during the initial stage of removal of a stack from the first station to thus reduce the likelihood of shifting of sheets in the stack relative to each other.

IPC 1-7

B65H 31/30

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0392139A3; EP2520526A4; DE102016214970A1; US5417543A; EP0579031A3; US6010300A; EP0869095A3; US6481952B2; US9499370B2; WO0078657A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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