

Title (en)
Vacuum Sheet Feeder

Title (de)
Vakuumbblattzuführung

Title (fr)
Dispositif d'alimentation de feuilles sous vide

Publication
EP 2149524 B1 20141105 (EN)

Application
EP 09166050 A 20090721

Priority
GB 0813828 A 20080729

Abstract (en)
[origin: EP2149524A2] A vacuum feeding mechanism for a document handling apparatus, the feeding mechanism comprising: an adjustable pick (5) for separating a stack of documents (1) from a downstream transport system; a rotatable wheel (3) connected to a vacuum port and operable to pull a document (1) by suction from the top of the stack toward the wheel (3) and move the document over the pick (5) to the downstream transport system; the wheel (3) and the pick (5) being separated by a clearance distance; means for determining adjustment coordinates in dependence upon characteristics of a document (1) in the stack; wherein the position of the pick (5) is automatically adjustable in two independent dimensions in dependence upon said adjustment coordinates.

IPC 8 full level
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CPC (source: EP GB US)
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C-Set (source: EP US)

EP

1. **B65H 2511/13 + B65H 2220/01**
2. **B65H 2511/22 + B65H 2220/02 + B65H 2220/11**
3. **B65H 2515/37 + B65H 2220/01**
4. **B65H 2515/10 + B65H 2220/01**
5. **B65H 2511/23 + B65H 2220/02**
6. **B65H 2515/34 + B65H 2220/02 + B65H 2220/11**

US

1. **B65H 2511/13 + B65H 2220/01**
2. **B65H 2511/22 + B65H 2220/02 + B65H 2220/11**
3. **B65H 2515/34 + B65H 2220/02 + B65H 2220/11**
4. **B65H 2515/37 + B65H 2220/01**
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