

Title (en)
Document Deskewing

Title (de)
Dokumententzerrung

Title (fr)
Correction de désalignement de document

Publication
EP 2287099 A3 20130306 (EN)

Application
EP 10172091 A 20100805

Priority
US 54309509 A 20090818

Abstract (en)
[origin: EP2287099A2] A document deskewing module (200) is provided for a self service bunch document depositing terminal (10). The document deskewing module (200) comprises a set of sensors (208) arranged to detect when a document transported along a document transport path (61) from a mixed bunch of documents including documents of a first type and documents of a second type which is different from the first type is deskewed. The module (200) includes: hard drive rollers (210) disposed along the document transport path (61), a first set of idler rollers (212) moveable towards and away from the hard drive rollers (210), soft drive rollers (310) disposed along the document transport path (61), a second set of idler rollers (312) moveable towards and away from the soft drive rollers (310), and a controller (95) arranged to control operation of the first and second sets of idler rollers (212,312) in response to a number of signals from the set of sensors (208) such that either only the first set of idlers (212) are interacting with the hard drive rollers (210) or only the second set of idlers (312) is interacting with the soft drive rollers (310) at any one time to deskew either a document of the first type or a document of the second type which is different from the first type.

IPC 8 full level
B65H 9/16 (2006.01)

CPC (source: EP US)
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Citation (search report)

- [A] US 2007023995 A1 20070201 - ONODERA SHINICHI [JP]
- [A] US 4744555 A 19880517 - NARAMORE RAYMOND A [US], et al
- [A] JP H09315652 A 19971209 - TOYO COMMUNICATION EQUIP

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

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