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(72) Inventors:
• **Matsuse, Hiroki**
Tokyo 100-8220 (JP)
• **Kanagawa, Takeshi**
Tokyo 100-8220 (JP)
• **Kadowaki, Minoru**
Tokyo 100-8220 (JP)
• **Kato, Riichi**
Tokyo 100-8220 (JP)

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(71) Applicant: **Hitachi-Omron Terminal Solutions, Corp.**
Shinagawa-ku
Tokyo
141-0032 (JP)

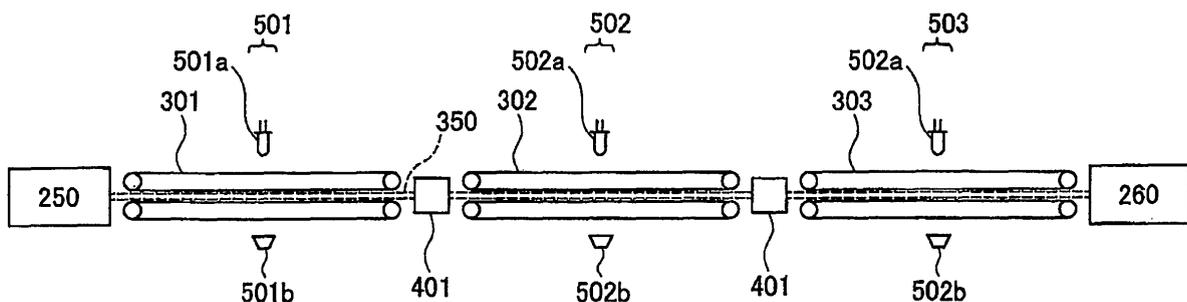
(74) Representative: **Strehl Schübel-Hopf & Partner**
Maximilianstrasse 54
80538 München (DE)

(54) **Paper sheet storage device and control method and control program for paper sheet storage device**

(57) A paper sheet storage device comprises paper sheet transporting units (301-303) having a transport path for paper sheets and for transporting the paper sheets; a paper sheet feeder (250) for feeding a paper sheet onto the transport path; sensors (501 to 503), disposed on the transport path, for detecting passage of a paper sheet; a transport speed acquiring unit for acquiring the transport speed of a paper sheet based on de-

tection by the sensors; and a controller (210) for controlling the paper sheet transport unit and the paper sheet feeder. In the event that the acquired transport speed of a paper sheet is slower than a prescribed speed, the controller causes the paper sheet feeder to halt the feeding of paper sheets, and operates in reverse a portion of the paper sheet transport unit that is situated closer to the paper sheet feeder than the slow moving paper sheet.

Fig.7



EP 2 036 843 A3



EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			B65H B07C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		21 July 2011	Athanasiadis, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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