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(54) **Media recycler**

(57) A media storage unit (10) for a media recycler is described. The media storage unit (10) comprises: a first rotary storage device (12); a second rotary storage device (14) aligned with the first rotary storage device (12); and storage tape (16) wound around each of the first and second storage devices (12,14) and including calibration marks (96) disposed along one side of the storage tape (16). The media storage unit (10) also comprises a sensor (52) for detecting the calibration marks

(96); an entry/exit port (40) between the first and second rotary storage devices (12,14) through which media items can be inserted or removed; and a controller (54) operable to rotate the first and/or second storage devices (12,14) to move the storage tape (16) forwards or backwards while sensing the calibration marks (96) to locate either (i) a media item of the desired type for a dispense transaction, or (ii) a space on the storage tape (16) of the required type for a deposit transaction.

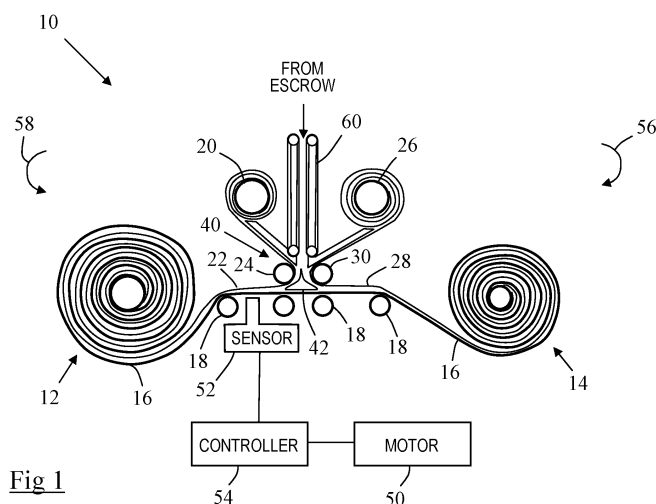


Fig 1



EUROPEAN SEARCH REPORT

Application Number
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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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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 April 2014	Examiner Ureta, Rolando
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			

2
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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