

Title (en)  
Magnetic thread reader

Title (de)  
Magnetisches Fadenlesegerät

Title (fr)  
Lecteur de fil de sécurité magnétique

Publication  
**EP 1353302 A2 20031015 (EN)**

Application  
**EP 03015597 A 20020107**

Priority  
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Abstract (en)  
A method of detecting a magnetic thread comprises causing relative movement between the thread and an array of magnetic heads (2a-2l), each head (2a-2l) generates a signal upon detecting a portion of the thread. The arrival of a thread at one of the heads is detected, that head being denoted a primary head, and the head on each side a secondary head. Output signals from the primary and secondary heads are monitored to generate a representation of the thread, and the magnitude of the signals from the primary and secondary heads are compared such that if the magnitude of the output signal from a secondary head exceeds that from the primary head, the primary and secondary heads are reallocated accordingly. <IMAGE>A method of detecting a magnetic thread comprises causing relative movement between the thread and an array of magnetic heads (2a-2l), each head (2a-2l) generates a signal upon detecting a portion of the thread. The arrival of a thread at one of the heads is detected, that head being denoted a primary head, and the head on each side a secondary head. Output signals from the primary and secondary heads are monitored to generate a representation of the thread, and the magnitude of the signals from the primary and secondary heads are compared such that if the magnitude of the output signal from a secondary head exceeds that from the primary head, the primary and secondary heads are reallocated accordingly. <IMAGE>

IPC 1-7  
**G07D 7/04**

IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
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