

Title (en)
Magnetic thread reader

Title (de)
Magnetisches Fadenlesegerät

Title (fr)
Lecteur de fil de sécurité magnétique

Publication
EP 1353301 A2 20031015 (EN)

Application
EP 03015595 A 20020107

Priority
• EP 02250079 A 20020107
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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>

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G07D 7/04; **G07D 7/00**

IPC 8 full level
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CPC (source: EP US)
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Cited by
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EP 1353302 A2 20031015; **EP 1353302 A3 20031022**; **EP 1353302 B1 20050720**; EP 1353301 A2 20031015; EP 1353301 A3 20031022; EP 1353301 B1 20061102; GB 0100451 D0 20010221; GB 0114212 D0 20010801; PT 1353301 E 20070131

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