

Title (en)
Magnetic thread reader

Title (de)
Magnetisches Fadenlesegerät

Title (fr)
Lecteur de fil de sécurité magnétique

Publication
EP 1353302 A3 20031022 (EN)

Application
EP 03015597 A 20020107

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• EP 02250079 A 20020107
• GB 0100451 A 20010108
• GB 0114212 A 20010611

Abstract (en)
[origin: EP1353302A2] 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

IPC 8 full level
G07D 7/00 (2006.01); **G07D 7/04** (2006.01)

CPC (source: EP US)
G07D 7/004 (2013.01 - EP); **G07D 7/04** (2013.01 - EP US)

Citation (search report)
• [A] US 5255129 A 19931019 - JONES PHILIP B [GB]
• [A] US 5889271 A 19990330 - WEBB MARTIN JOHN [GB]
• [A] GB 2098768 A 19821124 - BANK OF ENGLAND THE GOVERNOR &
• [A] US 5378885 A 19950103 - JONES JR ROBERT E [US], et al

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