

Title (en)

High modulus thermoplastic films and their use as cash register tapes

Title (de)

Thermoplastische Hochmodulfilme sowie ihre Verwendung als Registrierkassenband

Title (fr)

Films thermoplastiques à haut module et leur utilisation en tant que ticket de caisse enregistreuse

Publication

EP 1541367 A1 20050615 (EN)

Application

EP 04006250 A 20040316

Priority

EP 04006250 A 20040316

Abstract (en)

A thermally printable commercially functional cash register tape produced from a thin machine direction oriented, heat stabilized, multi-layer, coextruded thermoplastic film (10) is described. This thermoplastic tape replaces the currently used paper cash register tape. It will accept printing, has sufficient machine direction stiffness and sufficiently reduced surface electrical charges to function in conventional commercial cash register printers. The thermoplastic tape is much thinner than the conventional paper tape so a roll of the plastic register tape contains about 4.7 times the paper length of a typical cash register roll. <IMAGE>

IPC 1-7

B41M 5/00; **B41M 5/40**; **B32B 27/18**

IPC 8 full level

B32B 27/18 (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [DY] US 6284177 B1 20010904 - EWING WILLIAM D [US]
- [Y] EP 0264270 A2 19880420 - GRACE W R & CO [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 09 3 September 2003 (2003-09-03)

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