

Title (en)  
Thermal seal product and process

Title (de)  
Produkt und Verfahren zum thermischen Versiegeln

Title (fr)  
Produit scellé thermiquement et méthode

Publication  
**EP 0719656 A2 19960703 (EN)**

Application  
**EP 95307759 A 19951031**

Priority  
US 34455694 A 19941123

Abstract (en)  
A heat sealable mailer form is provided comprising a sheet (10) which includes on at least one of its major surfaces a pattern of adhesive (16) which is not activated by the heat and pressure rolls of a non-impact printer but which is activated by the application of additional heat and pressure after printing of the sheet. The adhesive (16) comprises a thermoplastic adhesive and a filler and is preferably coated on the peripheral edges of the sheet. The sheet (10) is folded and sealed by the application of heat and pressure to the adhesive covered areas of the sheet.

IPC 1-7  
**B42D 15/08**

IPC 8 full level  
**B29C 65/06** (2006.01); **B31B 21/00** (2006.01); **B42D 15/02** (2006.01); **B42D 15/04** (2006.01); **B42D 15/08** (2006.01); **C09J 7/02** (2006.01); **C09J 125/00** (2006.01); **C09J 125/08** (2006.01); **C09J 127/04** (2006.01); **C09J 127/06** (2006.01); **C09J 131/04** (2006.01); **C09J 133/04** (2006.01); **C09J 135/02** (2006.01); **C09J 201/00** (2006.01)

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**B42D 15/08** (2013.01)

Citation (applicant)  
• US 5314944 A 19940524 - CHAO HUNG Y [US]  
• US 4918128 A 19900417 - SAKAI TSUTOMU [JP]  
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**EP 95307759 A 19951031**; AU 3316195 A 19951010; CA 2159540 A 19950929; IL 11568495 A 19951019; JP 29385695 A 19951113; NO 954026 A 19951010; NZ 28011695 A 19950928; ZA 958141 A 19950927