

Title (en)

Toughened hot melt adhesive composition for book hinge joint.

Title (de)

Schlagfeste Schmelzklebstoffzusammensetzung für Buchscharnierverbindungen.

Title (fr)

Composition d'adhésif thermofusible durci pour coller la charnière d'un livre.

Publication

**EP 0357933 A1 19900314 (EN)**

Application

**EP 89113801 A 19890726**

Priority

US 23317588 A 19880817

Abstract (en)

A process for the formation of the hinge joints on bound book blocks using a toughened hot melt pressure sensitive adhesive comprising: a) 10 to 40% by weight of a substantially radial styrene-butadiene block copolymer, the copolymer having a styrene content greater than about 35% by weight, a modulus at 300% elongation of at least 4.5 MPa and a solution viscosity less than about 1000 cps; b) 20 to 65% by weight of a compatible tackifying resin; c) 0.1 to 4% by weight stabilizer; and d) the remainder (to 100%) comprising a plasticizing oil. o

IPC 1-7

**B42C 9/00**; **B42C 9/02**; **C09J 157/00**; **C09J 193/04**

IPC 8 full level

**B42C 9/02** (2006.01); **B42C 9/00** (2006.01); **C09J 153/00** (2006.01); **C09J 153/02** (2006.01)

CPC (source: EP)

**B42C 9/00** (2013.01)

Citation (search report)

- [Y] US 4712808 A 19871215 - BEH-FORREST ERIC [US], et al
- [Y] US 3950291 A 19760413 - JURRENS LAWRENCE D

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0357933 A1 19900314**; **EP 0357933 B1 19931020**; CA 1336950 C 19950912; DE 68910060 D1 19931125; DE 68910060 T2 19940310; DK 402889 A 19900218; DK 402889 D0 19890816; JP H0291181 A 19900330; JP H0717884 B2 19950301

DOCDB simple family (application)

**EP 89113801 A 19890726**; CA 608387 A 19890815; DE 68910060 T 19890726; DK 402889 A 19890816; JP 19952389 A 19890802