

Title (en)
HEAT-ACTIVATABLE POLYURETHANE COATINGS AND THEIR USE AS ADHESIVES

Title (de)
WÄRMEAKTIVIERBARE POLYURETHANBESCHICHTUNGEN UND DEREN VERWENDUNG ALS KLEBSTOFFE

Title (fr)
REVETEMENTS EN POLYURETHANE POUVANT ETRE REACTIVES PAR LA CHALEUR ET LEUR UTILISATION EN TANT QU'ADHESIFS

Publication
EP 1127095 A4 20011212 (EN)

Application
EP 99946931 A 19990914

Priority

- GB 9820121 A 19980915
- US 9921118 W 19990914
- US 21579998 A 19981218

Abstract (en)
[origin: WO0015728A1] A coated sheet has a heat-activatable adhesive coating of thermoplastic polyurethane having a melting point of 40 to 100 DEG C. The coating may be crystalline and have an average crystal size below 10 mu m. The coating, when molten, may remain tacky for a period of from 2 to 50 seconds. Preferred processes comprise heat activating the coating and subsequently cold or cool sealing, for instance to form a packet around a heat-sensitive material.

IPC 1-7
C09J 7/02; **C09J 175/04**; **C08J 7/04**; **B32B 27/32**

IPC 8 full level
B32B 27/40 (2006.01); **B32B 27/32** (2006.01); **C08G 18/08** (2006.01); **C08G 18/66** (2006.01); **C08J 7/043** (2020.01); **C08J 7/046** (2020.01); **C08J 7/052** (2020.01); **C08J 7/056** (2020.01); **C09J 7/22** (2018.01); **C09J 7/35** (2018.01); **C09J 175/04** (2006.01)

CPC (source: EP US)
B32B 3/266 (2013.01 - US); **B32B 27/08** (2013.01 - US); **B32B 27/32** (2013.01 - EP US); **B32B 27/38** (2013.01 - US); **C08G 18/0823** (2013.01 - EP); **C08G 18/6651** (2013.01 - EP); **C08J 7/0427** (2020.01 - EP); **C08J 7/043** (2020.01 - EP US); **C08J 7/046** (2020.01 - EP US); **C08J 7/052** (2020.01 - EP US); **C08J 7/056** (2020.01 - EP US); **C09J 7/22** (2017.12 - EP); **C09J 7/243** (2017.12 - EP); **C09J 7/35** (2017.12 - EP); **B32B 2037/243** (2013.01 - US); **B32B 2309/02** (2013.01 - US); **B32B 2309/04** (2013.01 - US); **B32B 2323/10** (2013.01 - US); **B32B 2363/00** (2013.01 - US); **C08G 2170/20** (2013.01 - EP); **C08J 2475/00** (2013.01 - EP); **C09J 2423/006** (2013.01 - EP); **C09J 2463/003** (2013.01 - EP); **C09J 2475/00** (2013.01 - EP)

Citation (search report)

- [A] DE 4419449 A1 19951207 - HENKEL KGAA [DE]
- See references of WO 0015728A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0015728 A1 20000323; AR 022093 A1 20020904; AU 5923399 A 20000403; BR 9913739 A 20010605; CA 2344340 A1 20000323; EP 1127095 A1 20010829; EP 1127095 A4 20011212; JP 2003525958 A 20030902

DOCDB simple family (application)
US 9921118 W 19990914; AR P990104641 A 19990915; AU 5923399 A 19990914; BR 9913739 A 19990914; CA 2344340 A 19990914; EP 99946931 A 19990914; JP 2000570257 A 19990914