

Title (en)  
HOT MELT APPLICATOR

Title (de)  
HEIZKLEBEVORRICHTUNG

Title (fr)  
DISPOSITIF DE CHAUFFAGE DE COLLE

Publication  
**EP 1159080 B1 20030129 (DE)**

Application  
**EP 00907665 A 20000306**

Priority  
• DE 19909641 A 19990305  
• EP 0001871 W 20000306

Abstract (en)  
[origin: WO0053338A2] The invention relates to a hot melt applicator with an applicator element that can be manually handled and that is configured to electrically heat an exchangeable adhesive container, especially for a thermofusible adhesive. Said applicator element further comprises a heater unit that is provided for transferring heat to the adhesive container, encompasses a contact surface for the heat transfer and is equipped with an electrical heater element. Said electrical heater element consists of a material of a predetermined heat capacity and a support module configured to impinge the heater element with an electric voltage when the applicator element is in the inactive holding state. Said support module is designed in such a manner that the heating element is impinged with voltage only in the holding state but not in the active state, when the applicator element is detached from the support module.  
[origin: WO0053338A2] The invention relates to a hot melt applicator with an applicator element (18) that can be manually handled and that is configured to electrically heat an exchangeable adhesive container (40), especially for a thermofusible adhesive. Said applicator element further comprises a heater unit (32) that is provided for transferring heat to the adhesive container, encompasses a contact surface for the heat transfer and is equipped with an electrical heater element (52). Said electrical heater element consists of a material of a predetermined heat capacity and a support module (10) configured to impinge the heater element with an electric voltage when the applicator element is in the inactive holding state. Said support module is designed in such a manner that the heating element is impinged with voltage only in the holding state but not in the active state, when the applicator element is detached from the support module.

IPC 1-7  
**B05C 17/005**

IPC 8 full level  
**B05C 5/04** (2006.01); **B05C 9/14** (2006.01); **B05C 11/10** (2006.01); **B05C 17/00** (2006.01); **B05C 17/005** (2006.01); **B67D 7/80** (2010.01)

CPC (source: EP US)  
**B05C 17/00533** (2013.01 - EP US); **B05C 17/00546** (2013.01 - EP US)

Cited by  
CN111432943A

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 0053338 A2 20000914**; **WO 0053338 A3 20010111**; AT E231746 T1 20030215; DE 10010304 A1 20000928; DE 50001168 D1 20030306; EP 1159080 A2 20011205; EP 1159080 B1 20030129; US 6527143 B1 20030304

DOCDB simple family (application)  
**EP 0001871 W 20000306**; AT 00907665 T 20000306; DE 10010304 A 20000306; DE 50001168 T 20000306; EP 00907665 A 20000306; US 91443801 A 20011226