

Title (en)  
A label laminate

Title (de)  
Etikettmehrschichtenverbund

Title (fr)  
Feuille stratifiée pour étiquette

Publication  
**EP 0945842 A3 20000322 (EN)**

Application  
**EP 99201674 A 19891107**

Priority  
• EP 96200911 A 19891107  
• EP 89912549 A 19891107  
• US 26787788 A 19881107

Abstract (en)  
[origin: WO9005353A1] A thin film label, either clear or opaque, is printed with an ink layer (4) and a multiple-layer heat-activated adhesive layer (2, 3) for bonding to a glass container (1).

IPC 1-7  
**G09F 3/02**; **G09F 3/10**

IPC 8 full level  
**B65C 3/12** (2006.01); **B05D 7/00** (2006.01); **B44C 1/17** (2006.01); **B65C 3/06** (2006.01); **B65C 3/14** (2006.01); **B65C 3/16** (2006.01); **B65C 9/18** (2006.01); **B65C 9/25** (2006.01); **B65C 9/42** (2006.01); **B65D 23/08** (2006.01); **C03C 17/00** (2006.01); **C03C 17/32** (2006.01); **G09F 3/02** (2006.01); **G09F 3/10** (2006.01)

CPC (source: EP)  
**B44C 1/1712** (2013.01); **B65C 3/06** (2013.01); **B65C 3/14** (2013.01); **B65C 3/16** (2013.01); **B65C 9/18** (2013.01); **B65C 9/1873** (2013.01); **B65C 9/25** (2013.01); **B65C 9/42** (2013.01); **B65D 23/0814** (2013.01); **G09F 3/02** (2013.01); **G09F 3/0286** (2013.01); **G09F 3/10** (2013.01); **G09F 2003/023** (2013.01); **G09F 2003/0257** (2013.01); **G09F 2003/0258** (2013.01); **G09F 2003/0261** (2013.01); **G09F 2003/027** (2013.01); **G09F 2003/0272** (2013.01); **G09F 2003/0273** (2013.01); **G09F 2003/0275** (2013.01)

Citation (search report)  
• [DY] US 4292103 A 19810929 - NAMURA SHIGEKAZU, et al  
• [DY] US 4299644 A 19811110 - ARNOLD RAYMOND M  
• [Y] US 4177309 A 19791204 - GANSZYCYZYK HELEN [GB], et al

Cited by  
EP1489349A1; CN110379298A

Designated contracting state (EPC)  
AT DE FR GB IT NL SE

DOCDB simple family (publication)  
**WO 9005353 A1 19900517**; AT E157059 T1 19970915; AT E168344 T1 19980815; AT E195193 T1 20000815; AT E293825 T1 20050515; DE 68928268 D1 19970925; DE 68928268 T2 19980319; DE 68928740 D1 19980820; DE 68928740 T2 19990422; DE 68929237 D1 20000907; DE 68929237 T2 20001214; DE 68929534 D1 20050525; DE 68929534 T2 20060223; EP 0441858 A1 19910821; EP 0441858 A4 19920527; EP 0441858 B1 19970820; EP 0441879 A1 19910821; EP 0441879 A4 19920226; EP 0441879 B1 19980715; EP 0737954 A2 19961016; EP 0737954 A3 19961023; EP 0737954 B1 20000802; EP 0945842 A2 19990929; EP 0945842 A3 20000322; EP 0945842 B1 20050420; JP H04501694 A 19920326; JP H04503260 A 19920611; WO 9005031 A1 19900517; WO 9005088 A1 19900517; WO 9005667 A1 19900531

DOCDB simple family (application)  
**US 8904888 W 19891107**; AT 89912549 T 19891107; AT 89912908 T 19891107; AT 96200911 T 19891107; AT 99201674 T 19891107; DE 68928268 T 19891107; DE 68928740 T 19891107; DE 68929237 T 19891107; DE 68929534 T 19891107; EP 89912549 A 19891107; EP 89912908 A 19891107; EP 96200911 A 19891107; EP 99201674 A 19891107; JP 50034090 A 19891107; JP 51181789 A 19891107; US 8904885 W 19891107; US 8904886 W 19891107; US 8904887 W 19891107