Title (en)

ADHESIVE MULTILAYERED LABEL SHRINKABLE ONTO THE CIRCUMFERENTIAL SURFACE OF AN OBJECT ESPECIALLY A DRY BATTERY

Publication

EP 0388998 A3 19920304 (DE)

Application

EP 90108937 A 19840620

Priority

- DE 3322309 A 19830621
- EP 84107118 A 19840620

Abstract (en)

[origin: EP0129850A2] An adhesive multilayered label shrinkable onto the circumferential surface of an object, especially a dry battery, having a backing layer for printing which is visible from the outside and covered by a transparent protective layer, is characterised in that its outermost layer is formed by a transparent laminated layer of shrinkable plastic which is stretched at least axially. <IMAGE>

[origin: EP0129850A2] A label, is prepd. on a base (2) with an adhesive repellant layer (4), e.g. silicone to which a paper strip (8) with a layer of adhesive (6) is applied. The legend (10) on this layer is protected by a foil (14) of stretched and transparent heat-shrinkage plastic through a transparent adhesive layer (12). This foil protrudes at both ends (16,18). When the label is taken off the base and stuck around a cylindrical dry battery, a heat input causes the ends (16,18) to fold over the top and bottom edges of the battery.

IPC 1-7

G09F 3/02

IPC 8 full level

G09F 3/02 (2006.01); **G09F 3/06** (2006.01)

CPC (source: EP)

G09F 3/02 (2013.01); **G09F 3/06** (2013.01); G09F 2003/0202 (2013.01); G09F 2003/021 (2013.01); G09F 2003/0255 (2013.01); G09F 2003/0272 (2013.01)

Citation (search report)

- [A] US 4264657 A 19810428 - TOLLETTE HENRY B
- [A] PATENT ABSTRACTS OF JAPAN Band 8, Nr. 247 (E-278)(1684), 13. November 1984; & JP - A - 59123160 (TOPPAN INSATSU K.K.) 16.07.1984

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FR2674979A1; US5747192A; EP0841650A3; US6235376B1; EP0841709A1; WO2004021471A1

Designated contracting state (EPC)

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EP 0129850 A2 19850102; **EP 0129850 A3 19860319**; **EP 0129850 B1 19910109**; AT E133285 T1 19960215; AT E59912 T1 19910115; DE 3322309 A1 19850103; DE 3322309 C2 19930513; DE 3483895 D1 19910214; DE 3486420 D1 19960229; EP 0388998 A2 19900926; EP 0388998 A3 19920304; EP 0388998 B1 19960117; EP 0388998 B2 20010117; ES 280103 U 19841216; ES 280103 Y 19850701; ES 280104 U 19850216; HK 1002525 A1 19980828

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EP 84107118 A 19840620; AT 84107118 T 19840620; AT 90108937 T 19840620; DE 3322309 A 19830621; DE 3483895 T 19840620; DE 3486420 T 19840620; EP 90108937 A 19840620; ES 280103 U 19840619; ES 280104 U 19840619; HK 98101459 A 19980225