

Title (en)  
ADHESIVE MULTILAYERED LABEL SHRINKABLE ONTO THE CIRCUMFERENTIAL SURFACE OF AN OBJECT, ESPECIALLY A DRY BATTERY

Publication

**EP 0129850 A3 19860319 (DE)**

Application

**EP 84107118 A 19840620**

Priority

DE 3322309 A 19830621

Abstract (en)

[origin: EP0129850A2] A label, is prep'd. on a base (2) with an adhesive repellent 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 3/06**

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)

- [X] US 4190168 A 19800226 - JACQUES PIERRE [US]
- [Y] US 4287274 A 19810901 - IBBOTSON PETER, et al
- [Y] US 3927484 A 19751223 - SPIEGEL WILLIAM, et al
- [Y] GB 1387619 A 19750319 - WARNECKE TUWA PLASTIK
- [Y] US 3542229 A 19701124 - BEYERLEIN LUDWIG, et al
- [AP] US 4399182 A 19830816 - BROWN KENNETH D [GB], et al
- [AP] US 4409051 A 19831011 - CILIBERTI JR FRANK L [US]
- [A] US 2980754 A 19610418 - REILLY THOMAS A, et al
- [A] DE 2731635 A1 19780119 - OWENS ILLINOIS INC
- [A] DE 2914028 A1 19791018 - PUN
- [A] JP S6031338 B2 19850722
- [A] JP S378316 B1
- [A] PROSPEKT DER FA. ZWECKFORM WERK GMBH, Anwendungs-Info, veröffentlicht im März 1983; Seite 2, insbesondere Zeilen 30-33; Abschnitte: "Etikettierung bedeutet Funktionsfähigkeit plus Markenidentifikation" und "Die Etikettierung der Super Power-Trockenbatterien"

Cited by

FR2674979A1; US5747192A; EP0563510A1; FR2715494A1; EP0762365A1; EP0841709A1; WO0113448A1

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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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