

Title (en)  
PHOTOLUMINESCENT HEAT-SHRINKABLE FILMS

Title (de)  
FOTOLUMINESZENTE WÄRMESCHRUMPFENDE FOLIEN

Title (fr)  
FILMS THERMORÉTRACTABLES PHOTOLUMINESCENTS

Publication  
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Application  
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Abstract (en)  
[origin: US2010026987A1] A primary object of the present invention is to provide a multilayer heat-shrinkable styrene-based film that makes it possible, even when the film is transparent, to confirm that the film is correctly applied on a drink bottle and the like as a label. The present invention provides a heat-shrinkable styrene-based film having at least one layer containing a styrene-based resin containing a copolymer b1 of 98 to 40% by weight vinyl aromatic hydrocarbon and 2 to 60% by weight aliphatic unsaturated carboxylic acid ester, and/or a block copolymer b2 of 70 to 85% by weight vinyl aromatic hydrocarbon and 15 to 30% by weight conjugated diene hydrocarbon, and a fluorescent brightening agent in an amount of 100 to 2,000 weight ppm with respect to the total weight of the styrene-based resin. The present invention also provides a heat-shrinkable film having a three-layer structure containing front and back layers and a core layer, wherein the above-mentioned copolymer b1 and/or copolymer b2 forms the core layer.

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