Citation List

Patent Literature

[0006]

Patent Literature 1: WO 2012/8007 A

Patent Literature 2: JP 2002-301796 A

Patent Literature 3: JP 2008-253478 A

Patent Literature 4: JP 2013-81494 A

Summary ~~of Invention~~

[0006a]

In a first aspect of the present disclosure, there is provided a multilayer film comprising at least:

a layer (1) comprising polybutylene terephthalate,

a layer (2) comprising a cyclic olefin-based polymer,

a flexible layer (3) comprising an ethylene-based resin, and

a layer (4) comprising a polyolefin, which are laminated,

wherein the layer (1), the layer (2), and the layer (4) forming one surface of the multilayer film are laminated in this order.

[0006b]

In another aspect of the present disclosure, there is provided a liquid agent container formed of the multilayer film as disclosed herein so that the layer (4) is formed as the innermost layer.

Technical Problem

[0007]

As a result of intensive studies, the present inventors have found that when polybutylene terephthalate is used in an outer layer of a multilayer film for forming a liquid agent container, there is a problem that a component derived from the polybutylene terephthalate permeates the multilayer film and is eluted into a content liquid.

[0008]

In view of such problems in the conventional art, a first object of the present invention is to provide a liquid agent container formed of a multilayer film using polybutylene terephthalate in one layer (for example, an outer layer), in which it is controlled or prevented that a