

Title (en)
Mechanically removable label.

Title (de)
Mechanisch ablösbares Etikett.

Title (fr)
Etiquette à détachement mécanique.

Publication
EP 0312037 B1 19940302 (DE)

Application
EP 88116974 A 19881013

Priority
DE 3734640 A 19871013

Abstract (en)
[origin: EP0312037A2] Labels are described which are made from paper, aluminium, plastic film or combinations thereof, which are removable mechanically and by machine from glass and/or plastic bottles or other commercial articles of all types, such as bottle crates or the like. For this purpose, the labels are provided with at least one substance which can be activated to adhere to the article. A distinction is made between a first substance, which makes the mechanical removal possible, and a second substance which is applied to the back thereof and possesses adhesion-promoting properties. The first substance is a release layer which is proof against water of condensation and has a particular solids content and a processing viscosity which is selected in a defined manner. The second substance, which imparts adhesive properties, is applied in the form of a gluing pattern, with a glue pallet offset backward along the edges of the label, in such a manner that removal forces are obtained for the label of between 2 and 8 Newtons. <IMAGE>

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

IPC 8 full level
G09F 3/02 (2006.01); **G09F 3/10** (2006.01)

CPC (source: EP)
G09F 3/02 (2013.01); **G09F 3/10** (2013.01); **G09F 2003/0233** (2013.01); **G09F 2003/0242** (2013.01); **G09F 2003/0244** (2013.01); **G09F 2003/0255** (2013.01); **G09F 2003/0272** (2013.01); **G09F 2003/0273** (2013.01)

Cited by
US2009218307A1; EP0503112A1; US8304073B2; US9051495B2; WO9743744A1; US9254936B2; US9777196B2; US9911367B2; US10586472B2; US9005742B2; US9109144B2; US9508272B2

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