

Title (en)  
REDETACHABLE LABELS

Title (de)  
WIEDERABLÖSBARE ETIKETTEN

Title (fr)  
ÉTIQUETTES REDÉCOLLABLES

Publication  
**EP 2059574 A1 20090520 (DE)**

Application  
**EP 07787435 A 20070712**

Priority  
• EP 2007057164 W 20070712  
• DE 102006042074 A 20060905

Abstract (en)  
[origin: DE102006042074B3] Preparation of labels that can be detached from hydrophobic substrates in an aqueous solution, comprises completely or partially applying a hot melt pressure sensitive adhesive on the label, where the adhesive is water-soluble in an alkaline solution and the label is water-permeable labels with a water absorption (Cobb value) of greater than 0.3 g/m<sup>2</sup> per 20 seconds, and perforated labels, which exhibit perforations or recesses of less than 10% on the bonding surface. Independent claims are included for: (1) the label coated with a water-soluble hot melt pressure sensitive adhesive; and (2) a water-soluble hot melt pressure sensitive adhesive for binding labels comprising at least 5-50 wt.% of a base polymer, 15-85 wt.% of a resin exhibiting an acid number of 90-220 mg potassium hydroxide (KOH)/g, plasticizers and/or additives.

IPC 8 full level  
**C09J 7/22** (2018.01); **C09J 153/00** (2006.01); **C09J 193/04** (2006.01); **G09F 3/10** (2006.01)

CPC (source: EP US)  
**C09J 7/22** (2017.12 - EP US); **C09J 153/02** (2013.01 - EP US); **C09J 153/025** (2013.01 - EP US); **C08L 2666/02** (2013.01 - EP US); **C09J 2203/334** (2013.01 - EP US); **C09J 2301/18** (2020.08 - EP US); **C09J 2301/204** (2020.08 - EP US); **C09J 2301/304** (2020.08 - EP US); **C09J 2301/312** (2020.08 - EP US); **C09J 2400/143** (2013.01 - EP US); **C09J 2401/006** (2013.01 - EP US); **C09J 2453/00** (2013.01 - EP US); **C09J 2493/00** (2013.01 - EP US); **Y02P 20/582** (2015.11 - EP US); **Y10T 156/10** (2015.01 - EP US)

Citation (search report)  
See references of WO 2008028716A1

Citation (examination)  
"DIN-EN 20535 - Bestimmung des Wasserabsorptionsvermögens", DEUTSCHE NORMEN. DIN NORM., vol. DIN-EN 20535, 1 September 1994 (1994-09-01), pages 6pp, XP009183724

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**DE 102006042074 B3 20080207**; BR PI0716113 A2 20130402; EP 2059574 A1 20090520; US 2009211705 A1 20090827; WO 2008028716 A1 20080313

DOCDB simple family (application)  
**DE 102006042074 A 20060905**; BR PI0716113 A 20070712; EP 07787435 A 20070712; EP 2007057164 W 20070712; US 39758409 A 20090304