

Title (en)
DOUBLE-SIDED PRESSURE-SENSITIVE ADHESIVE TAPES FOR PRODUCING LC DISPLAYS WITH LIGHT-REFLECTIVE AND -ABSORBING PROPERTIES

Title (de)
DOPPELSEITIGE HAFTKLEBEBÄNDER ZUR HERSTELLUNG VON LC-DISPLAYS MIT LICHTREFLEKTIERENDEN UND ABSORBIERENDEN EIGENSCHAFTEN

Title (fr)
BANDES ADHESIVES A DOUBLE FACE SERVANT A PRODUIRE DES AFFICHAGES A CRISTAUX LIQUIDES, ET PRESENTANT DES PROPRIETES DE REFLEXION LUMINEUSE ET D'ABSORPTION LUMINEUSE

Publication
EP 1828336 A1 20070905 (DE)

Application
EP 05813379 A 20051202

Priority
• EP 2005056397 W 20051202
• DE 102004058282 A 20041202

Abstract (en)
[origin: WO2006058911A1] The invention relates to a pressure-sensitive adhesive tape, particularly for producing or sticking together optical liquid crystal data displays (LCD's), comprising a top side and an underside, with light-reflective properties on the top side and light-absorbing properties on the underside. The pressure-sensitive adhesive tape also comprises a carrier film with a top side and an underside, which is provided with a metallic reflective coating on at least one of its sides. The pressure-sensitive adhesive tape is provided with a pressure-sensitive adhesive layer on both sides and is characterized in that the carrier film has a content of antiblocking agents of less than 4000 ppm, and at least one light-absorbing chromophoric layer is provided at least between the underside of the carrier film and the pressure-sensitive adhesive layer located on this side.

IPC 8 full level
B32B 15/08 (2006.01); **B32B 27/08** (2006.01); **C09J 7/29** (2018.01); **C09J 9/00** (2006.01); **C09J 11/04** (2006.01); **G02F 1/13357** (2006.01)

CPC (source: EP KR US)
B32B 5/022 (2013.01 - EP US); **B32B 5/024** (2013.01 - EP US); **B32B 7/12** (2013.01 - EP KR US); **B32B 27/08** (2013.01 - EP KR US); **B32B 27/12** (2013.01 - EP KR US); **B32B 27/16** (2013.01 - EP KR US); **B32B 27/20** (2013.01 - EP US); **B32B 27/308** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **C09J 7/22** (2017.12 - KR); **C09J 7/29** (2017.12 - EP US); **B32B 2255/10** (2013.01 - EP US); **B32B 2255/205** (2013.01 - EP US); **B32B 2264/102** (2013.01 - EP US); **B32B 2307/4026** (2013.01 - EP US); **B32B 2307/41** (2013.01 - EP KR US); **B32B 2307/412** (2013.01 - EP US); **B32B 2307/416** (2013.01 - EP KR US); **B32B 2307/518** (2013.01 - EP KR US); **B32B 2307/538** (2013.01 - EP US); **B32B 2405/00** (2013.01 - EP US); **B32B 2457/202** (2013.01 - EP US); **C08K 3/013** (2017.12 - EP US); **C08K 3/34** (2013.01 - EP US); **C09J 2301/124** (2020.08 - EP US); **C09J 2301/41** (2020.08 - EP KR US); **C09J 2400/163** (2013.01 - EP KR US); **C09J 2467/006** (2013.01 - EP KR US); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/24355** (2015.01 - EP US); **Y10T 428/28** (2015.01 - EP US); **Y10T 428/2848** (2015.01 - EP US)

Citation (search report)
See references of WO 2006058911A1

Citation (examination)
W. A. MACDONALD: "Polyester Films", 15 October 2003 (2003-10-15), pages 1 - 12, Retrieved from the Internet <URL:http://mrw.interscience.wiley.com/emrw/9780471440260/epst/article/pst478/current/html?toc=no&hd=All,PET> [retrieved on 20100329]

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 102004058282 A1 20060608; CN 101068899 A 20071107; DE 112005002841 A5 20071018; EP 1828336 A1 20070905; JP 2008522231 A 20080626; KR 20070086884 A 20070827; TW 200630453 A 20060901; US 2010047518 A1 20100225; WO 2006058911 A1 20060608

DOCDB simple family (application)
DE 102004058282 A 20041202; CN 200580041464 A 20051202; DE 112005002841 T 20051202; EP 05813379 A 20051202; EP 2005056397 W 20051202; JP 2007543851 A 20051202; KR 20077015163 A 20070702; TW 94142556 A 20051202; US 81419805 A 20051202