

Title (en)
Insulating paperboard

Title (de)
Isolierender Karton

Title (fr)
Carton isolants

Publication
EP 1739030 A2 20070103 (EN)

Application
EP 06253344 A 20060627

Priority
US 17102405 A 20050630

Abstract (en)
An insulating paperboard (12) contains at least one layer of cellulose fibers on a substrate (10). The one layer (14) is at least partially composed of processed cellulosic fibers. The paperboard provides sufficient insulation to provide a hot water #T across the paperboard of at least 0.8°C per 0.1 mm of caliper. A hot cup may be produced from the insulating paperboard.

IPC 8 full level
B65D 81/38 (2006.01); **D21H 11/02** (2006.01); **D21H 11/08** (2006.01); **D21H 11/16** (2006.01); **D21H 27/30** (2006.01)

CPC (source: EP US)
B65D 81/3874 (2013.01 - EP US); **D21H 11/02** (2013.01 - EP US); **D21H 11/08** (2013.01 - EP US); **D21H 11/16** (2013.01 - EP US); **D21H 27/30** (2013.01 - EP US)

Cited by
CN111032529A; AU2018275345B2; US8541074B2; WO2009052542A1; US10640277B2; US11772871B2; WO2018220568A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1739030 A2 20070103; BR PI0602364 A 20070221; CA 2549332 A1 20061230; CN 1891905 A 20070110; JP 2007009399 A 20070118; US 2007023153 A1 20070201

DOCDB simple family (application)
EP 06253344 A 20060627; BR PI0602364 A 20060628; CA 2549332 A 20060602; CN 200610095720 A 20060628; JP 2006166082 A 20060615; US 53115606 A 20060912