

Title (en)
Embossing insulating paperboard

Title (de)
Geprägte isolierende Pappe

Title (fr)
Carton gaufré isolant

Publication
EP 1630290 A1 20060301 (EN)

Application
EP 04255138 A 20040826

Priority
EP 04255138 A 20040826

Abstract (en)
An insulating paperboard (12) contains at least one layer (14) of cellulose fibers. The one layer is at least partially composed of bulky fibers. The paperboard is sufficiently insulated to provide a hot water #T across the paperboard of at least $0.7^{\circ}\text{C} \pm 2.3^{\circ}\text{C}$ per 0.1 mm of caliper. The paperboard may be embossed to decrease surface transmission of heat. A hot cup may be produced from the insulating paperboard.

IPC 8 full level
B65D 81/38 (2006.01); **D21H 15/02** (2006.01); **D21H 27/02** (2006.01); **D21H 27/40** (2006.01)

CPC (source: EP)
D21H 15/02 (2013.01); **D21H 27/02** (2013.01); **D21H 27/40** (2013.01)

Citation (search report)

- [A] WO 9013708 A1 19901115 - WEYERHAEUSER CO [US]
- [A] FR 2550993 A1 19850301 - BILLERUDS AB [SE]

Cited by
US8012309B2

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

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