

Title (en)  
Insulating paperboard

Title (de)  
Isolierender Karton

Title (fr)  
Carton isolant

Publication  
**EP 1630287 B1 20100929 (EN)**

Application  
**EP 04255136 A 20040826**

Priority  
EP 04255136 A 20040826

Abstract (en)  
[origin: EP1630287A1] An insulating paperboard (12) contains at least one layer (14) of cellulose fibers. The one layer (14) 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  
**D21H 11/20** (2006.01); **D21H 27/38** (2006.01)

CPC (source: EP)  
**D21H 11/20** (2013.01); **D21H 15/02** (2013.01); **D21H 27/10** (2013.01); **D21H 27/38** (2013.01)

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DOCDB simple family (publication)  
**EP 1630287 A1 20060301**; **EP 1630287 B1 20100929**; AT E483063 T1 20101015; DE 602004029356 D1 20101111; PL 1630287 T3 20110331

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