

Title (en)  
Card for building up a permeable structure.

Title (de)  
Karte zum Aufbau von durchlässigen Strukturen.

Title (fr)  
Carte pour la construction d'une structure perméable.

Publication  
**EP 0467217 B1 19940309 (DE)**

Application  
**EP 91111529 A 19910711**

Priority  
DE 4022654 A 19900717

Abstract (en)  
[origin: EP0467217A1] In the card of ceramic material for building up permeable structures, the card (1) has three rows of holes extending parallel to one another and arranged symmetrically in relation to the axes of symmetry. Three recesses (3, 4, 5) of differing length are arranged between the rows of holes. The recesses intersect the card edge (10,11), the longest (3) and one of the two shorter (4,5) opening out at the same card edge (10) and the shortest (5) being opposite the second longest (4). The webs (6, 6a) remaining between the recesses (4,5) and between the recess (3) and the card edge (11) have a length of 25% +/- 0 to 6% in relation to the length of the card 1 determined by the direction of the rows of holes. <IMAGE>

IPC 1-7  
**F28F 3/08**; **F28F 21/04**

IPC 8 full level  
**F28F 3/04** (2006.01); **F28F 3/08** (2006.01); **F28F 21/04** (2006.01)

CPC (source: EP US)  
**F28F 3/086** (2013.01 - EP US); **F28F 21/04** (2013.01 - EP US); **Y10T 428/24273** (2015.01 - EP US); **Y10T 428/24298** (2015.01 - EP US); **Y10T 428/24314** (2015.01 - EP US); **Y10T 428/24322** (2015.01 - EP US); **Y10T 428/268** (2015.01 - EP US)

Cited by  
US6167952B1; WO2013043263A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0467217 A1 19920122**; **EP 0467217 B1 19940309**; AT E102702 T1 19940315; CA 2047118 A1 19920118; DE 4022654 A1 19920123; DE 59101143 D1 19940414; DK 0467217 T3 19940627; ES 2051056 T3 19940601; FI 913412 A0 19910715; FI 913412 A 19920118; IE 912479 A1 19920129; JP H04227482 A 19920817; NO 174072 B 19931129; NO 174072 C 19940309; NO 912790 D0 19910716; NO 912790 L 19920120; PT 98338 A 19930930; US 5212004 A 19930518

DOCDB simple family (application)  
**EP 91111529 A 19910711**; AT 91111529 T 19910711; CA 2047118 A 19910716; DE 4022654 A 19900717; DE 59101143 T 19910711; DK 91111529 T 19910711; ES 91111529 T 19910711; FI 913412 A 19910715; IE 247991 A 19910716; JP 17653591 A 19910717; NO 912790 A 19910716; PT 9833891 A 19910716; US 73069291 A 19910716