

Title (en)  
MAN-MADE VITREOUS FIBRE PRODUCTS FOR USE IN THERMAL INSULATION, AND THEIR PRODUCTION

Title (de)  
SYNTHETISCHE GLASFASERPRODUKTE FÜR WÄRMEISULIERUNG UND DEREN HERSTELLUNG

Title (fr)  
PRODUCTION DE PRODUITS D'ISOLATION THERMIQUE EN MATIERE DE FIBRES VITREUSES

Publication  
**EP 1115674 A1 20010718 (EN)**

Application  
**EP 99948857 A 19990924**

Priority

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- GB 9916174 A 19990709
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Abstract (en)  
[origin: WO0017121A1] Thermal insulation products are provided which comprise air-laid MMVF material through which particulate additive is distributed substantially homogeneously, and the particulate additive is selected from the group consisting of silicon, aluminium, mica, silica and titania. The additive particles are bonded to the surfaces of the MMV fibres by a binder. The product may be a granulated product but preferably comprises a layer which is an air-laid MMVF batt or batt stratum through which the additive is distributed. Improved thermal insulation ( lambda value) is obtained.

IPC 1-7  
**C04B 30/02**

IPC 8 full level  
**C03C 1/00** (2006.01); **C03C 25/10** (2006.01); **C03C 25/42** (2006.01); **C03C 25/44** (2006.01); **C03C 25/47** (2018.01); **C04B 14/02** (2006.01); **C04B 30/02** (2006.01); **D04H 1/00** (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/587** (2012.01); **D04H 1/60** (2006.01); **D04H 1/64** (2012.01); **D04H 1/70** (2012.01); **D04H 1/732** (2012.01); **D04H 1/736** (2012.01); **D06N 3/00** (2006.01); **E04B 1/78** (2006.01)

CPC (source: EP)  
**C03C 25/42** (2013.01); **C03C 25/44** (2013.01); **C03C 25/47** (2018.01); **C04B 14/02** (2013.01); **C04B 14/024** (2013.01); **C04B 30/02** (2013.01); **D04H 1/413** (2013.01); **D04H 1/4209** (2013.01); **D04H 1/4218** (2013.01); **D04H 1/587** (2013.01); **D04H 1/60** (2013.01); **D04H 1/64** (2013.01); **D04H 1/732** (2013.01); **D04H 1/736** (2013.01); **D06N 3/0063** (2013.01); **E04B 1/78** (2013.01)

C-Set (source: EP)

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4. **C04B 30/02 + C04B 14/305 + C04B 14/42 + C04B 20/1066 + C04B 24/24**
5. **C04B 30/02 + C04B 14/02 + C04B 14/024 + C04B 14/42 + C04B 20/1055 + C04B 24/24**
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