

Title (en)  
VOLUME TILE ADHESIVE

Title (de)  
VOLUMEN-FLIESENKLEBER

Title (fr)  
COLLE POUR CARRELAGE AVEC PRISE DE VOLUME

Publication  
**EP 2268593 A1 20110105 (DE)**

Application  
**EP 09733192 A 20090316**

Priority  
• EP 2009053048 W 20090316  
• DE 102008018802 A 20080415

Abstract (en)  
[origin: CA2725400A1] The use of a mixture consisting of a) alkaline hydraulic binder, b) cellulose ether, c) blowing agent, d) filler as a tile adhesive is claimed, wherein the blowing agent c) comprises peroxo compounds and/or percarbonates and/or aluminum powder and wherein the tile adhesive mixture has a maximum and stable volume increase of 50% by volume within five minutes after admixing of water. This mixture, which may also comprise further additives such as, for example, retardants, antifoams and polymer dispersion powders, in addition to said four components, has the advantage that the blowing agent used reacts virtually completely within 5 min and thus leads to a volume increase of the tile adhesive mixture of not more than 50% by volume. After it has hardened, the mixture has a high intrinsic strength but also sufficient bonding strength and adhesive strengths with respect to the tile/substrate system.

IPC 8 full level  
**C04B 38/02** (2006.01); **C04B 40/06** (2006.01)

CPC (source: EP US)  
**C04B 28/02** (2013.01 - EP US); **C04B 28/06** (2013.01 - EP US); **C04B 38/02** (2013.01 - EP US); **C04B 2111/00672** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP US)

Citation (search report)  
See references of WO 2009127484A1

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