

ABSTRACT**ULTRA-LIGHT MINERAL FOAM AND METHOD FOR PRODUCING SAME**

- 5 The invention concerns a method for producing a mineral foam comprising the following steps: (i) independently preparing a cement slurry and an aqueous foam, the cement slurry being prepared by mixing water E and cement C, the cement C comprising a soluble equivalent quantity x of Na_2O , x being expressed by weight for 100 parts cement, said slurry having a ratio $x / (E/C)$ less than or equal to 1,75, E/C being expressed by weight, and the
- 10 particles of cement C having a size distribution such that the particle size distribution ratio $d_{\max(h/2)}/d_{\min(h/2)}$ is between 5 and 25; (ii) bringing the cement slurry into contact with the aqueous foam in order to obtain a foamed cement slurry; and (iii) shaping the foamed cement slurry obtained in step (ii) and allowing setting to take place.
- 15 (No suitable figure)