US007594963B2

(12) **United States Patent**
Bonetto et al.

(10) **Patent No.: US 7,594,963 B2**
(45) **Date of Patent: Sep. 29, 2009**

(54) **JOINT COMPOUND COMPOSITION FOR BUILDING ELEMENTS AND METHOD OF PRODUCING A STRUCTURE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 545 days.

(21) Appl. No.: **10/534,231**

(22) PCT Filed: **Nov. 7, 2003**

(86) PCT No.: **PCT/FR03/03333**

§ 371 (c)(1),
(2), (4) Date: **May 6, 2005**

(87) PCT Pub. No.: **WO2004/043874**

PCT Pub. Date: **May 27, 2004**

(65) **Prior Publication Data**

US 2006/0048684 A1 Mar. 9, 2006

(51) **Int. Cl.**
C04B 11/00 (2006.01)

(52) **U.S. Cl.** **106/778**; 106/772

(58) **Field of Classification Search** 106/2, 106/772, 778

See application file for complete search history.

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(57) **ABSTRACT**

The present invention relates to a joint compound composition for building elements, particularly paper-faced plasterboards.

This composition comprises:
a) 50 to 60% of calcium sulphate hemihydrate;
b) 5 to 15% of an organic binder in powder form; and
c) 0.05 to 0.2% of a water repellent.

The invention also relates to a method producing a structure, such as a partition, a wall trim or a ceiling.

According to this method:
building elements are juxtaposed;
the joint compound composition according to the invention is mixed with water so as to obtain a joint compound;
the space between the building elements is filled by means of the joint compound obtained above, without using a tape; and
the joint compound is left to harden.

10 Claims, No Drawings