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(54) **Title:** REINFORCED GYPSUM BOARD HAVING IMPROVED FIRE RESISTANCE

(57) **Abstract:** A gypsum board has two opposed faces, and a fibrous mat being embedded in one of the faces of the board. The fibrous mat comprises fibres that are bound by a polymeric binder. The length of the fibres is greater than 20 mm, and the diameter is greater than 14 micron. The polymeric binder is substantially formaldehyde-free. The fibrous mat achieves fire resistance in the gypsum board without the need to incorporate flame retardants into the binder, as well as providing flexural strength.



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