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(54) Title: **HOLLOW BUILDING BLOCK AND PROTECTIVE WALL CONSTRUCTION THEREWITH**

(57) Abstract

A lightweight hollow building block (2, 10) for constructing a blast resistant and gas impermeable barrier wall (1) comprising oppositely disposed spaced apart walls (12, 14, 32, 34) connected by bridging elements (16) forming interconnected horizontal and vertical voids (13, 19, 40) characterized in that the walls (12, 14, 32, 34) are formed of a mixture of mineralized wood shavings and concrete having a density of no more than approximately 1 ton per cubic meter and bridging elements (16) are gas impermeable.

