

TITLE OF INVENTION:

Bus for transporting passengers

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Abstract

A bus for transporting passengers comprises a body (1) which surrounds a passenger compartment, wherein the body (1) comprises a metallic framework structure (2) and planar elements fastened thereto, and wherein the passenger compartment is thermally insulated from an exterior by an insulation system arranged on the metallic framework structure (2). The insulation system comprises multiple-glazed side windows (10.2, 10.3, 10.4, 10.5, 10.6) mounted on the metallic framework structure as first planar elements and second planar elements (21) mounted on the metallic framework structure, which are provided at least on one main surface with a first insulation layer made of a melamine-based foam material and with a second insulation layer made of an aerogel material. A good ratio between insulation properties, weight and costs can be achieved by this combination of planar elements (10.2, 10.3, 10.4, 10.5, 10.6, 21).

FIG. 3