

DOUBLE GLAZING INSULATION SYSTEM

【ABSTRACT】

A double glazing insulation system of the present invention is
5 characterized by including: double glazing having a chamber formed between
a pair of glass windows, a bead entrance through which air and a plurality of
beads enter and exit the chamber, and an air entrance through which air
enters the chamber; a storage tank for storing the plurality of beads; a bead
flow pipe connecting the storage tank to the bead entrance, and guiding the
10 plurality of beads such that the beads flow; an air exhaust pipe connected to
the storage tank and guiding the flow of air discharged from the storage tank;
an air flow pipe connected to the air entrance and guiding the flow of air
entering and exiting through the air entrance; a communicating pipe for
communicating with the air flow pipe and the air exhaust pipe; and a main
15 blower which is provided on the communicating pipe and suctions air of the
chamber through the air flow pipe or through the air exhaust pipe, thereby
filling the chamber with the plurality of beads or discharging the same from
the chamber.

20 FIG. 1