

PATENT

PROCESS FOR PREPARING BATCH MATERIALS FOR THE
MANUFACTURE OF GLASS

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ABSTRACT

The subject of the invention is a process for manufacturing compounds based on one or more silicates of alkali metals, such as Na and K and/or of alkaline-earth compounds such as MgO, CaO and/or rare earths, such as Ce, optionally in the form of mixed silicates which combine the latter, by conversion of silica and of halides, especially of one or more chlorides or sulphates or nitrates of the said alkali metals and/or of the said rare earths and/or of the said alkaline-earth metals, such as NaCl, KCl or CeCl₄. The heat needed for the conversion is supplied, at least partly, by one or more submerged burners.

The subject of the invention is also an apparatus for carrying out the process and for its use.

ABSTRACT

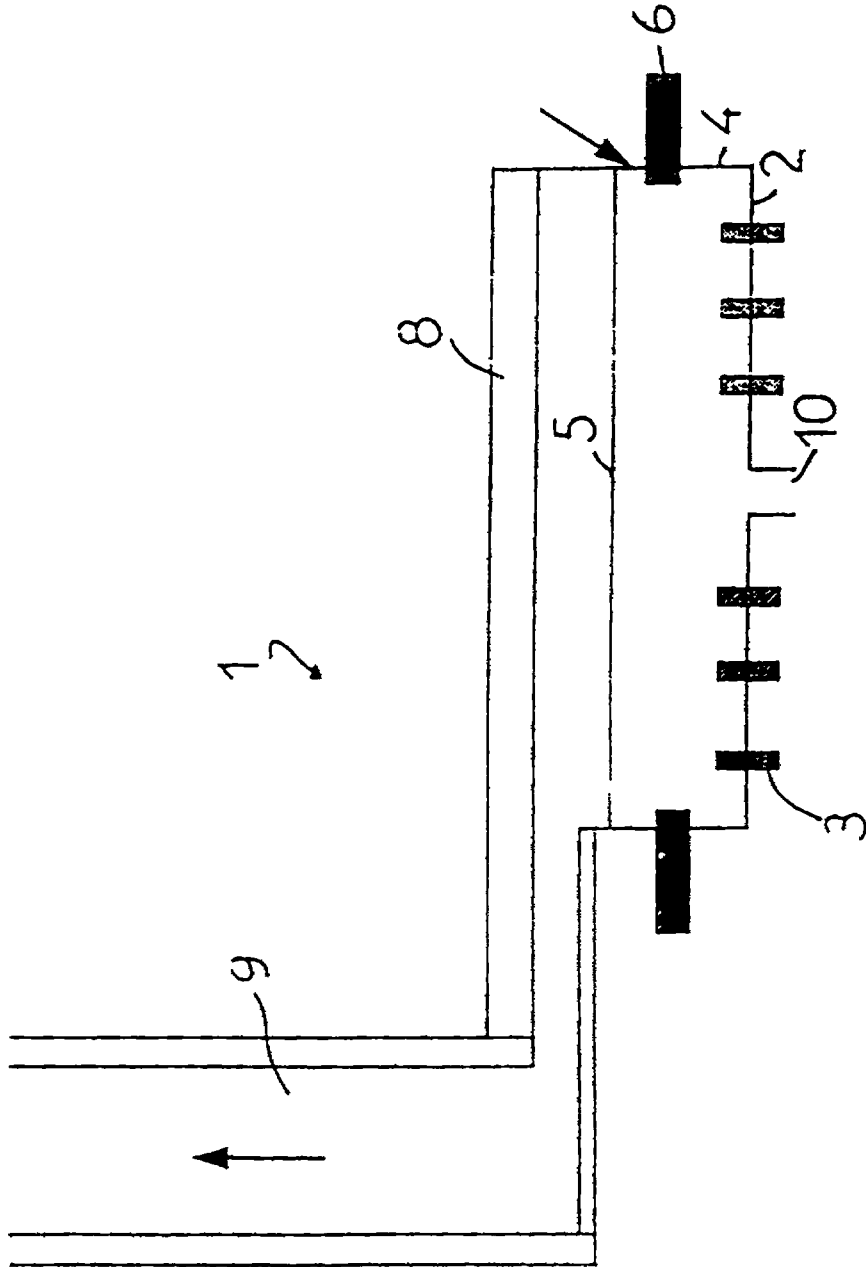


FIG-1