

ABSTRACT

A solar cell curing and hydrogen passivation integrated machine, comprising a rack (1), a curing furnace (2) used for carrying out curing treatment on solar cells, a hydrogen passivation furnace (3) used for carrying out hydrogen passivation treatment on the solar cells, and a conveying device (4) used for conveying the solar cells. The curing furnace (2) and the hydrogen passivation furnace (3) are sequentially arranged on the rack (1), one end portion of the curing furnace (2) outputting pieces is adjacent to one end portion of the hydrogen passivation furnace (3) intaking pieces, the conveying device (4) is continuously arranged on the rack (1), and the conveying device (4) respectively passes through the curing furnace (2) and the hydrogen passivation furnace (3). The solar cell curing and hydrogen passivation integrated machine is simple in structure; the solar cells can be directly conveyed to the hydrogen passivation furnace (3) through the conveying device (4) to be subjected to hydrogen passivation treatment after being cured in the curing furnace (2), the technological process is continuous, the technological step of carrying the solar cells is omitted, and damage caused by carrying the solar cells can be avoided while the production efficiency is improved.

Fig.1