

ABSTRACT

Provided are a fluid laying device, a floor tile laying robot, and a slurry laying method. The fluid laying device includes a chassis, a translation deviation correction mechanism, a slurry laying mechanism, and a slurry supply mechanism. The translation deviation correction
5 mechanism is disposed on the chassis and includes a movable base configured to move in a direction perpendicular to a laying direction of fluid and a deviation correction detection member disposed on the movable base. The slurry laying mechanism is connected to the movable base. The slurry supply mechanism is disposed on the chassis to supply the fluid to the slurry laying mechanism. When the fluid laying device works, the deviation correction detection
10 member controls the movable base according to received laser rays so that the slurry laying mechanism performs slurry laying linearly along the laying direction. With the present application, it can be ensured that a laid slurry surface is linearly laid, and manual work can be replaced to complete laying of an adhesive fluid, thereby avoiding a quality problem caused by nonstandard manual operation, reducing the labor intensity of workers, and improving the slurry
15 laying efficiency.

Figure 1