

ABSTRACT

The present disclosure is related to a grout joint clearing robot comprising a drive system mounted to a frame, the drive system being configured to drive the grout joint clearing robot. A power system is mounted to the frame and configured to provide power to the grout joint clearing robot. A grout joint clearing system and a sensing system are mounted to the frame, the sensing system being configured to detect a plurality of grout lines. A control system is mounted to the frame and is configured to receive input from the sensing system and to control the drive system, power system and the grout joint clearing system to remove grout in the grout joints. The grout joint clearing system comprising a clearing tool being movable relative to the frame wherein in a first position the tool is stored and in a second position the tool is deployed for grout line clearing.

(Fig. 1)