

ABSTRACT

A hydrogen gas transport apparatus includes a transport pipe for hydrogen gas and a compressor that sends out the hydrogen gas. The compressor includes: a drive source; a compression chamber that includes a compression element for the hydrogen gas and is connected to the transport pipe; a drive shaft that connects the drive source and the compression element to each other; and a housing that accommodates the drive shaft. The housing has a first purging chamber that is adjacent to the compression chamber and receives supply of the hydrogen gas as purge gas, and a second purging chamber that is adjacent to the first purging chamber and receives supply of inert gas as purge gas. The hydrogen gas transport apparatus includes: a first purging pipe that branches from the transport pipe and supplies the hydrogen gas to the first purging chamber; and a second purging pipe that supplies the hydrogen gas from a predetermined hydrogen gas supply source to the first purging chamber when the detector detects a pressure reduction, each purging pipe serving as a supply passage for the hydrogen gas for purging.