

ABSTRACT

A charging device includes a liquid cooled cable, a charging gun, a charging station, a station connector and a communicating pipe. The liquid cooled cable has a gun end and a station end. The liquid cooled cable includes a first insulating tube, a second insulating tube, a tape, a filler and a sheath. The first insulating tube has a first channel. The second insulating tube has a second channel and a braided copper mesh. The charging gun is connected to the gun end of the liquid cooled cable. The charging gun includes a gun connector and a first liquid return channel. The station connector includes a second liquid return channel and a connection part. One end of the second liquid return channel communicates to the second channel. The connection part is connected to the station end of the liquid cooled cable.

FIG. 1