ABSTRACT

HOSE, HOSE ASSEMBLY, AND PREPARATION METHOD

An ultra-high-pressure and equal-diameter acid fracturing hose assembly, comprising a hose body and a metal joint. The metal joint comprises an inner pipe, a first outer pipe, a second outer pipe, and a loop; the first and second outer pipe are fastened separately; the outer wall of the loop is provided with an outer slot; an end of the first outer pipe is provided with an inner boss fitting the outer slot; the inner end of the inner pipe is provided with a connecting portion; the outer wall of the inner pipe is provided with first protrusions; the inner wall of the first outer pipe is provided with second protrusions; the hose body is clamped between the engagement surfaces of the first protrusions and of the second protrusions; the inner wall of the second outer pipe is provided with a plurality of small protrusions.

FIG. 1