

IN-PIPE MOVING APPARATUS

Abstract

An object of the invention is to provide an in-pipe moving apparatus that can freely and smoothly move in a pipe having a bent portion and a branching portion, is not stuck in the pipe even if a drive motor of a movement mechanism fails or otherwise experiences a problem, and can be readily taken out of the pipe.

The in-pipe moving apparatus includes two sets of wheel-based traveling elements 2A and 2B, which each have two driving wheels 8A and 8B linearly arranged, and a variable bag 3, which is expanded and contracted in accordance with the pressure of a fluid supplied to the variable bag, and the two sets of wheel-based traveling elements 2A and 2B are so disposed as to sandwich the variable bag 3 and are fixed to the outer surface of the variable bag 3.

[FIG. 1]