

ABSTRACT

CORIOLIS FLOW RATE METER WITH FLOW TUBE OF DOUBLE LOOP STRUCTURE

A start tube section (27) of a first bent tube (31) has a first parallel subsection (27a), a first bent subsection (27b), and a body subsection (27c) of the first start tube section. The first parallel subsection (27a) is substantially parallel to a start tube section (28) of a second bent tube (32) or to a continuous section (35) between a return tube section (29) of the first bent tube (31) and the start tube section (28) of the second bent tube (32). The first bent subsection (27b) is continuous to the first parallel subsection (27a). The body subsection (27c) of the first start tube section is gradually away from the start tube section (28) of the second bent tube (32) because of the presence of the first bent subsection (27b). A return tube section (30) of the second bent tube section (32) has a second parallel subsection (30a) substantially in parallel to the return tube (29) of the first bent tube (31) or to the continuous section (35), a second bent subsection (30b) continuous to the second parallel subsection (30a), and a body subsection (30c) of the second return tube section, the distance of the body subsection (30c) from the return tube section (29) of the first bent tube (31) gradually increasing because of the presence of the second bent subsection (30b).

Figure 1