

Title (en)

METHOD AND APPARATUS TO BALANCE A CORIOLIS MASS FLOW METER

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABGLEICH EINES CORIOLIS-MASSENDURCHFLUSSMESSERS

Title (fr)

PROCÉDÉ ET APPAREIL D'ÉQUILIBRAGE D'UN DÉBITMÈTRE MASSIQUE CORIOLIS

Publication

**EP 4111143 A4 20231206 (EN)**

Application

**EP 20921225 A 20200226**

Priority

US 2020019903 W 20200226

Abstract (en)

[origin: WO2021173132A1] A Coriolis flow meter may comprise a first flow tube having a first end and a second end. The first end may have a first reaction force, and the second end may have having a second reaction force. A second flow tube may be operably connected to the first flow tube. The second flow tube may have a first end and a second end. The first end may have a third reaction force, and the second end may have a fourth reaction force. A drive system may be operably connected to the first and second flow tubes. At least one balance mass may be operably attached the first flow tube or the second flow tube. The one balance mass may be sized and positioned to minimize one or more of the first reaction force, the second reaction force, the third reaction force, and the fourth reaction force.

IPC 8 full level

**G01F 1/84** (2006.01)

CPC (source: EP)

**G01F 1/8413** (2013.01); **G01F 1/8418** (2013.01); **G01F 1/8477** (2013.01)

Citation (search report)

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- [A] CN 105371908 B 20191210
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- See references of WO 2021173132A1

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