

Title (en)

METHOD FOR PRODUCING A MEASUREMENT TUBE ASSEMBLY FOR A CORIOLIS FLOW METER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER MESSROHRANORDNUNG FÜR EIN CORIOLIS-DURCHFLUSSMESSGERÄT

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ENSEMBLE TUBE DE MESURE POUR DÉBITMÈTRE DE CORIOLIS

Publication

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Application

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Abstract (en)

[origin: WO2021121975A1] The invention relates to a method for producing a measurement tube assembly (8) for a Coriolis flow meter, comprising the method steps of: providing a core assembly (1) and a mold (2) in order to form a cavity (3) between the core assembly (1) and the mold (2), the core assembly (1) comprising at least one core (5), the core (5) comprising a core body (6), which has a first material (9); filling up the cavity (3) with a second material (10) in order to form a measurement tube body (7) of a measurement tube (7) of the measurement tube assembly (8), the second material (10) having a higher melting temperature than the first material (9); separating the mold (2) and the core assembly (1) from the measurement tube assembly (8), the core assembly (1) being separated by means of the melting of the at least one core (4) of the core assembly (1) at a melting temperature, which lies below the melting temperature of the second material (10) and above the melting temperature of the first material (9). The invention further relates to a Coriolis flow meter and to a use of a lost-core method to produce a measurement tube assembly.

IPC 8 full level

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