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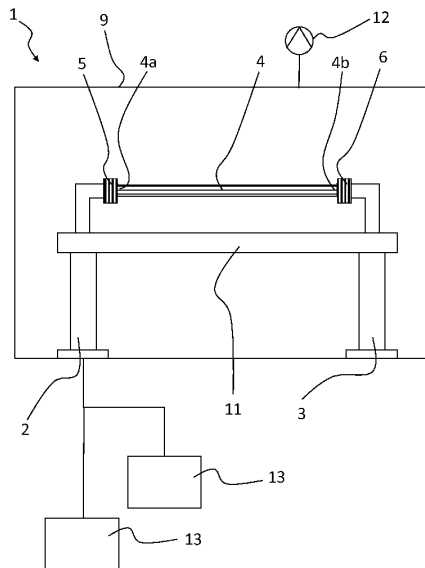


Fig. 1

(57) Abstract: The invention relates to a method and an atomic layer deposition apparatus (1) for coating an inner surface of a substrate tube (4). The apparatus (1) comprising a first gas connection fitting (5) arranged to receive a first end (4a) of the substrate tube (4) and to connect the substrate tube (4) from its first end (4a) to the apparatus (1), a second gas connection fitting (6) arranged to receive a second end (4b) of the substrate tube (4) and to connect the substrate tube (4) from its second end (4b) to the apparatus (1), an inlet tube (2) arranged to supply the first precursor and the second precursor, and an outlet tube (3) arranged to discharge the first precursor and the second precursor that have been supplied through the substrate tube (4).

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