Title (en)

IMMERSION PIPE FOR A CYCLONE SEPARATOR

Title (de)

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Title (fr)

TUBE PLONGEUR POUR CYCLONE DÉPOUSSIÉREUR

Publication

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Application

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Abstract (en)

[origin: WO2016102369A1] The invention relates to an immersion pipe (1) for directing a gas stream out of a cyclone separator, said pipe having a cylindrical wall (2) composed of segments (3), wherein the segments (3) are arranged in at least two annular rows, an annular device arranged at the upper end of the immersion pipe (1) and formed by suspension components (5, 7) for suspension of the immersion pipe (1), and an annular lower edge arranged at the lower end and formed by end components (8, 9). According to the invention each segment (3) has a curvature in the horizontal extent and a flattened S shape in the vertical section in such a way as to overlap with the segments (3) lying below. Furthermore, each segment (3) has two recesses (16) and has on the upper edge an inwardly projecting plate section (18) having two upwardly directed projecting elements (19) in such a way that the plate section (18) is fitted into a respective recess (16) of the two segments (3) located above the plate section, and each segment (3) has on the inner face, above the recesses (16), a respective extension element (17) in such a way that by a locking effect on the respective projecting element (19) the extension element (17) prevents the connected segment (3) from sliding out of the recess (16).

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