

Title (en)

DEPOSITION HEAD FOR TUBULAR/NON-PLANAR COATINGS

Title (de)

ABSCHIEDUNGSKOPF FÜR ROHRFÖRMIGE/NICHTPLANARE BESCHICHTUNGEN

Title (fr)

TÊTE DE DÉPÔT POUR LES REVÊTEMENTS TUBULAIRES/NON PLANAIRES

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Application

EP 22731599 A 20220601

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Abstract (en)

[origin: WO2022253904A1] The invention relates to a head for the chemical vapor deposition of a tubular substrate, comprising: - a first opening for receiving a first precursor, - a second opening for receiving a second precursor, - a third opening for receiving an inert gaseous stream, - a first network of distribution ducts connecting the first opening to a first group of orifices extending over an internal section of the head, - a second network of distribution ducts connecting the second opening to a second group of orifices extending over at the internal section of the head, - a third network of distribution ducts connecting the third opening to a third group of orifices extending over the internal section of the head, an orifice of the first or second group of orifices being adjacent on either side to an orifice of the third group of orifices, the first, second and third networks of distribution ducts respectively having at least a first, second and third expansion pre-chamber, the tubular substrate performing a back-and-forth relative movement.

IPC 8 full level

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