

Title (en)
MELTING HEAD FOR AN ICE MELTING APPARATUS

Title (de)
SCHMELZKOPF EINER EIS-SCHMELZVORRICHTUNG

Title (fr)
TÊTE DE FUSION D'UN DISPOSITIF DE FUSION DE GLACE

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Application
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Abstract (en)
[origin: WO2019207045A1] The invention relates to a melting head (1) for an ice melting apparatus (1, 8) comprising a rear, in relation to the propagation direction, attachment region (4) for attaching to a drilling apparatus (8) or a drilling rod assembly, and a forward, in relation to the propagation direction, heatable front region (1c), wherein the front region (1c) has a radially outer face region (1a) in which the front region (1c) has an outer cross section that tapers in the propagation direction (3) up to the forward axial melting head end (1d), in particular with a tapering outer diameter, and the radially outer face region (1a) surrounds an inner cavity (5), the free inner cross section of which reduces from the axial melting head end (1d) counter to the propagation direction (3). The invention also relates to an ice melting apparatus (1, 8) formed with the melting head (1).

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