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(54) Title: CUTTER HEAD FOR DREDGING GROUND, CUTTER SUCTION DREDGER PROVIDED WITH SUCH A CUTTER HEAD AND USE OF THE CUTTER HEAD FOR DREDGING GROUND

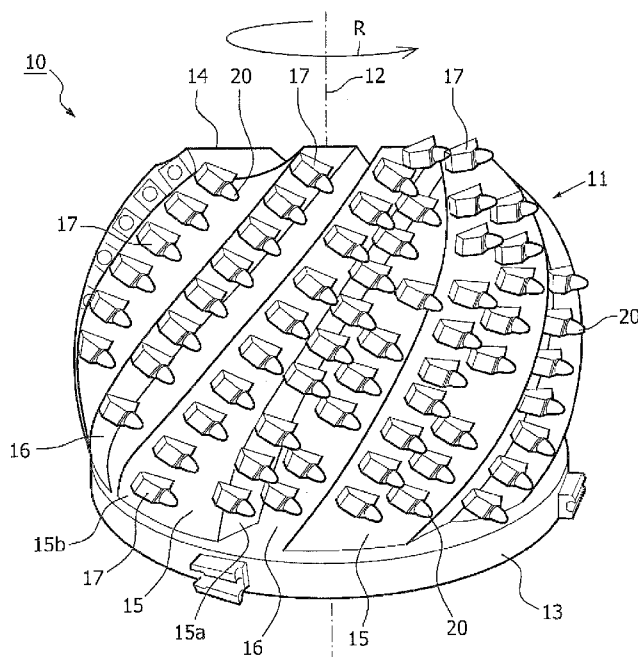


FIG. 2

(57) Abstract: The invention relates to a cutter head (10) for dredging ground under water, this cutter head being suitable for attachment rotatably around a central axis to the ladder (2) of a cutter suction dredger (1) and for being moved through the ground therewith in a lateral sweeping movement, the cutter head comprising a base ring (13), a hub (14) situated at a distance in the direction of the central axis from the base ring, and a plurality of support arms (15) extending from the base ring to the hub, wherein a passage opening (16) is located between support arms and wherein the cutting tools (20) are axisymmetrical, at least at their free outer end. The invented cutter head has an increased efficiency, in particular for ground with an Unconfined Compressive Strength (UCS) of at least 50 MPa.

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