

Title (en)

Cutter head for dredging device, in particular for cutter suction dredgers.

Title (de)

Schneidkopf für eine Nassbaggervorrichtung, insbesondere für einen Schneidsaugbagger.

Title (fr)

Tête coupant pour un outil de dragage, notamment pour dragues suceuses coupantes.

Publication

EP 0430316 A2 19910605 (EN)

Application

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Priority

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Abstract (en)

Cutter head for a suction dredger, comprising: a first and a second disc-shaped plate (2,24), being spaced from each other along a cutter head axis and defining an interspace between them; cutting means with a plurality of blades (25) disposed in a peripheral zone located on the radial outer zone of said interspace and spaced from each other in the peripheral direction, said blades defining between them apertures for allowing material cut by the blades to pass to said interspace, wherein said cutting means are arranged for rotation about said cutter head axis with respect to stationary parts of said cutter head; and discharge means (23) for discharging the material present in said interspace through a suction line. The cutter head comprises shielding means acting in at least the radial direction and pertaining to the stationary parts, such as e.g. an outer sleeve provided with a controllable aperture.

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