Title (en)

BIOREACTOR

Title (de)

BIOREAKTOR

Title (fr)

BIORÉACTEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: CA2841033A1] The invention relates to a bioreactor for charging the outside and the interior of a hollow element (1) or hollow element framework with a liquid, having a housing (2) accommodating the liquid, forming a liquid surface, and a rotation device (3) arranged within the housing (2) and receiving the hollow element (1), which rotation device (3) is for rotating the hollow element (1) about the longitudinal axis (4) thereof in the region of the liquid surface. In known bioreactors of this type, the interior of the hollow element must be flushed with a special device, and so here also a liquid exchange takes place. The object of forming a bioreactor for charging the interior and the outside of hollow elements in such a manner that simplest and cheapest flushing of the interior of the hollow element is ensured is achieved in that the rotation device (3) comprises a scooping chamber (5) running at least in part tangentially to the longitudinal axis, and which is connected via a flow channel (6) to the interior of the hollow element (1).

IPC 8 full level

C12M 1/10 (2006.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2013004431A1

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