

Title (en)
FLOTATION CELL

Title (de)
FLOTATIONSZELLE

Title (fr)
CELLULE DE FLOTTATION

Publication
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Application
EP 18928263 A 20180801

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Abstract (en)
[origin: WO2020025853A1] A flotation cell (1) is disclosed for treating particles suspended in slurry and for separating the slurry into an underflow (400) and an overflow (500). The flotation cell comprises a flotation tank (10) with a centre (11), a perimeter (12), a substantially horizontal level bottom (13), and a side wall (14); a launder (2) and a launder lip (21) surrounding the perimeter (12) of the tank (11); and a bottom structure (7) arranged on the bottom (13), and having a shape that allows particles suspended in slurry to be mixed in a mixing zone (A) over the bottom structure, and to settle down in a settling zone (B) surrounding the bottom structure. The flotation tank further comprises blast tubes (4) for introducing slurry infeed (100) into the tank. In addition, a flotation line and use of the flotation line are disclosed.

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Citation (search report)

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