

Title (en)
Flotation device and method

Title (de)
Flotationsapparat und Flotationsverfahren

Title (fr)
Appareil de flottation et procédé de flottation

Publication
EP 2450106 B1 20160601 (DE)

Application
EP 10189809 A 20101103

Priority
EP 10189809 A 20101103

Abstract (en)
[origin: EP2450106A1] The apparatus (1) has a flotation chamber (2) for containing aqueous slurry. A foam collecting device (5) is arranged at an upper region of the chamber to collect foam product that is formed during flotation. A feeding line is provided for continuous feeding of the chamber with the slurry and opens into the chamber at a position that lies above an agitator (3). A mixing device i.e. ejector (7), is provided for dispersion of gas in the slurry in the feeding line, and another mixing device is provided within the chamber and has a gassing device (4) attached to the agitator. An independent claim is also included for a flotation method for separation of ore minerals and gangue in aqueous slurry.

IPC 8 full level
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