

Title (en)

Flotation apparatus with a fluid distribution element for creating a fluid flow towards the froth collecting device

Title (de)

Flotationsvorrichtung mit einem Fluidverteilerelement zum Erzeugen einer auf die Schaumsammeleinrichtung gerichteten Strömung

Title (fr)

Dispositif de flottation avec un élément de distribution d'un fluide pouvant générer un courant du fluide vers le collecteur en mousse

Publication

EP 2500102 B1 20151111 (DE)

Application

EP 11158298 A 20110315

Priority

EP 11158298 A 20110315

Abstract (en)

[origin: EP2500102A1] The flotation device (1) has a housing (2) that is provided with a flotation chamber (2a) for receiving a suspension (S) through an inlet (5a). A foam collecting unit (3) is arranged at an upper side of the housing, for receiving and discharging a foam product (SP). A fluid distribution unit (4) is arranged for generating a direction to the suspension in the flotation chamber to the foam collecting unit through fluid distribution element (4a), where the vertical position of fluid distribution elements are variable. An independent claim is included for method for discharging flotation device.

IPC 8 full level

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CPC (source: EP US)

B03D 1/02 (2013.01 - US); **B03D 1/028** (2013.01 - EP US); **B03D 1/14** (2013.01 - US); **B03D 1/1456** (2013.01 - EP US); **B03D 1/1462** (2013.01 - EP US); **B03D 1/1493** (2013.01 - EP US); **B03D 1/24** (2013.01 - EP US); **B03D 1/26** (2013.01 - EP US)

Citation (examination)

DE 2656477 B1 19780309 - ESCHER WYSS GMBH

Cited by

CN107983529A

Designated contracting state (EPC)

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EP 2500102 A1 20120919; **EP 2500102 B1 20151111**; AU 2012228575 A1 20130926; BR 112013023569 A2 20161206; CA 2830205 A1 20120920; CL 2013002537 A1 20140321; CN 103429352 A 20131204; CN 103429352 B 20160203; MX 2013010527 A 20131007; RU 2013145953 A 20150420; US 2014001102 A1 20140102; WO 2012123258 A1 20120920; ZA 201306811 B 20140827

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