

Title (en)
GAS DISSOLUTION DEVICE

Title (de)
GASAUFLÖSUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE DISSOLUTION DE GAZ

Publication
EP 4147770 A1 20230315 (EN)

Application
EP 20934639 A 20200820

Priority
• JP 2020082338 A 20200508
• JP 2020031529 W 20200820

Abstract (en)
A gas dissolver includes a gas dissolving tank (1) that dissolves gas in liquid inside, a partition (17) dividing an inside of the gas dissolving tank (1) into an upper chamber (22) and a lower chamber (23), an intake tube (6) to introduce a gas-liquid mixture into the gas dissolving tank (1) from outside, and a discharge pipe channel (3) to discharge gas dissolved liquid from the lower chamber (23) of the gas dissolving tank (1). The intake tube (6) has a downstream end (6a) with an opening extending toward a center of a ceiling (13) of the gas dissolving tank (1). The partition (17) includes a connecting path (17a) connecting the upper chamber (22) and the lower chamber (23). The connecting path (17a) is off a center of the partition (17).

CPC (source: EP)
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