

Title (en)
Process and arrangement for draining a liquid residue from the bottom of a tank

Title (de)
Verfahren und Anordnung zur Abfuhr einer Restflüssigkeit vom Boden eines Tanks

Title (fr)
Procédé et système d'évacuation d'un résidu liquide du fond d'un réservoir

Publication
EP 0839708 A3 19991201 (EN)

Application
EP 97203502 A 19921102

Priority
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• NO 9200180 W 19921102
• NO 920380 A 19920128

Abstract (en)
[origin: EP0839708A2] A liquid residue (14) is drained from the bottom (10a) of a tank (10) via a drain pipe (15) having its open bottom intake end (13a) near the tank bottom, using a pump or ejector (16) arranged at a level substantially above the upper level of the liquid residue (14). The pump (16) or ejector establishes an upwardly directed gas/liquid current in the drain pipe (15). At distinct levels (A1, A2) above the upper surface of the liquid residue, a gas medium is sucked into the drain pipe (15) through gas inlet openings (19a, 19b) in the drain pipe wall in order to mix this gas medium with the gas/liquid current passing through the drain pipe (15).

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Citation (search report)
• [Y] NO 141403 A
• [Y] US 4392532 A 19830712 - RAGGIO IVAN J [US]
• [A] US 3072057 A 19630108 - SILVA ROSA ESAU DA
• [A] GB 1235228 A 19710609 - PATENTS & DEV AS [NO] & SE 369698 B 19740916 - PATENTS & DEV AS
• [A] NO 123115 B 19710927 - PATENTS & DEV AS [NO]
• [A] WO 8401138 A1 19840329 - THUNE EUREKA AS [NO]

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