

Title (en)
WASTE WATER TREATMENT PROCESS.

Title (de)
ABWASSERBEHANDLUNGSVERFAHREN.

Title (fr)
PROCEDE DE TRAITEMENT D'EAUX USEES.

Publication
EP 0058717 A4 19850218 (EN)

Application
EP 81902554 A 19810909

Priority
US 18585180 A 19800910

Abstract (en)
[origin: WO8200817A1] Wastewater treatment process in which organic impurities such as oil, organic brighteners, and chlorinated solvents are removed from the upper surface of wastewater from an industrial process and metal values are precipitated and withdrawn from the wastewater. The remaining clear liquid containing dissolved salts is used to generate working steam in a boiler for an industrial purpose. The wastewater is heated in the boiler to produce an aqueous phase having an increased concentration of impurities and a steam component which is used for the industrial purpose and condensed to produce water which is recycled for use in the industrial process and/or boiler. The accumulated impurity component is removed from the boiler periodically or continuously.

IPC 1-7
C02F 1/26

IPC 8 full level
C02F 1/04 (2006.01); **C02F 1/26** (2006.01); **C02F 1/70** (2006.01); **C02F 1/72** (2006.01); **C02F 1/76** (2006.01); **C02F 9/00** (2006.01)

CPC (source: EP)
C02F 1/048 (2013.01); **C02F 1/26** (2013.01); **C02F 1/722** (2013.01); **C02F 2101/18** (2013.01); **C02F 2101/20** (2013.01); **C02F 2101/22** (2013.01)

Citation (search report)
• [X] DE 1801824 A1 19700527 - GLASER HORST, et al
• [A] US 3988414 A 19761026 - KLICKA VLADIMIR, et al

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
WO 8200817 A1 19820318; AU 7588881 A 19820405; BE 890283 A 19820309; BR 8108782 A 19820713; CA 1190174 A 19850709; DE 3144400 A1 19821104; DK 201282 A 19820505; EP 0058717 A1 19820901; EP 0058717 A4 19850218; ES 505816 A0 19821201; ES 8300649 A1 19821201; GB 2093357 A 19820902; GB 2093357 B 19841024; GR 75031 B 19840712; IT 1144770 B 19861029; IT 8168189 A0 19810910; JP S57501521 A 19820826; NL 8120352 A 19820802; NO 821516 L 19820507; SE 8202895 L 19820507

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US 8101204 W 19810909; AU 7588881 A 19810909; BE 205912 A 19810909; BR 8108782 A 19810909; CA 385450 A 19810909; DE 3144400 T 19810909; DK 201282 A 19820505; EP 81902554 A 19810909; ES 505816 A 19810909; GB 8203084 A 19810909; GR 810165984 A 19810908; IT 6818981 A 19810910; JP 50310281 A 19810909; NL 8120352 A 19810909; NO 821516 A 19820507; SE 8202895 A 19820507