

Title (en)

METHOD FOR DESULFURIZING OFF-GASES

Title (de)

VERFAHREN ZUR ENTSCHWEFELUNG VON ABGESEN

Title (fr)

DESULFURATION D'EFFLUENTS GAZEUX

Publication

EP 0989902 A1 20000405 (EN)

Application

EP 98931121 A 19980615

Priority

- NL 9800342 W 19980615
- NL 1006339 A 19970617

Abstract (en)

[origin: WO9857731A1] The invention relates to a method for removing H₂S from off-gases which contain at least 20 % by volume of water vapor, comprising treating the off-gases at a temperature above the water dew point of the off-gases with an aqueous, alkaline solution under absorption of the H₂S, followed by subjecting the sulfide-containing solution formed to a biological oxidation of the sulfide.

IPC 1-7

B01D 53/52; B01D 53/84; C01B 17/05

IPC 8 full level

B01D 53/50 (2006.01); **B01D 53/52** (2006.01); **B01D 53/77** (2006.01); **B01D 53/84** (2006.01); **C01B 17/05** (2006.01)

CPC (source: EP KR)

B01D 53/52 (2013.01 - EP KR); **B01D 53/84** (2013.01 - EP); **Y02A 50/20** (2018.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

WO 9857731 A1 19981223; AR 016072 A1 20010620; AU 737133 B2 20010809; AU 8132198 A 19990104; BR 9810187 A 20000808; CA 2295443 A1 19981223; CN 1265604 A 20000906; EP 0989902 A1 20000405; HU P0001892 A2 20001128; HU P0001892 A3 20020228; JP 2002504858 A 20020212; KR 20010013905 A 20010226; NL 1006339 C2 19981221; NO 996257 D0 19991216; NO 996257 L 20000216; PL 337501 A1 20000828; SK 182099 A3 20000711; TW 386895 B 20000411

DOCDB simple family (application)

NL 9800342 W 19980615; AR P980102855 A 19980616; AU 8132198 A 19980615; BR 9810187 A 19980615; CA 2295443 A 19980615; CN 98807855 A 19980615; EP 98931121 A 19980615; HU P0001892 A 19980615; JP 50420299 A 19980615; KR 19997011927 A 19991217; NL 1006339 A 19970617; NO 996257 A 19991216; PL 33750198 A 19980615; SK 182099 A 19980615; TW 87109447 A 19980615