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 (main, further and additional classification)

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

IPC 8 full level (invention and additional information)

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 (invention and additional information)

B01D 53/52 (2013.01); **B01D 53/84** (2013.01); Y02A 50/2358 (2018.01)

Citation (search report)

See references of WO 9857731A1

Designated contracting state (EPC)

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

EPO simple patent family

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 0001892 A2 20001128; HU 0001892 A3 20020228; JP 2002504858 A 20020212; KR 20010013905 A 20010226; NL 1006339 C2 19981221; NO 996257 A 20000216; NO 996257 D0 19991216; PL 337501 A1 20000828; SK 182099 A3 20000711; TW 386895 B 20000411

INPADOC legal status

2002-12-18 [18R] REFUSED
- Effective date : 20020725

2002-03-20 [17Q] FIRST EXAMINATION REPORT
- Effective date : 20020130

2000-04-05 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 19991215

2000-04-05 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A1
- Designated State(s) : AT BE CH DE DK ES FI FR GB GR IT LI NL PT SE

2000-04-05 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : LT PAYMENT 19991215;RO PAYMENT 19991215