

Title (en)

CATALYST AND A PROCESS FOR PREPARATION OF ALDEHYDES IN THE PRESENCE OF SAID CATALYST

Title (de)

KATALYSATOR UND EIN VERFAHREN ZUR HERSTELLUNG VON ALDEHYDEN IN GEGENWART DIESER KATALYSATORS

Title (fr)

CATALYSEUR ET PROCEDE POUR LA PREPARATION D'ALDEHYDES EN PRESENCE DE CE CATALYSEUR

Publication

EP 0909218 A1 19990421 (DE)

Application

EP 97929208 A 19970618

Priority

- DE 19625168 A 19960624
- EP 9703169 W 19970618

Abstract (en)

[origin: DE19654908A1] A catalyst (I) contains rhodium and a 2,2'-bisaryl bis-ether of formula (II) (in which R1, R2, R3 = hydrogen, 1-4 carbon alkyl or alkoxy or 2-4 C alkenyl; or C(R1)-C(R2) = a 6 C ring; m, n = 0 or 1; (m + n) = 1 or 2; R = phenyl or naphthyl, optionally mono-substituted by 1-4 C alkyl, amino or 2-8 C dialkylamino. Aldehydes production is also claimed.

IPC 1-7

B01J 31/16; **B01J 31/22**; **C07C 45/50**

IPC 8 full level

B01J 31/16 (2006.01); **B01J 31/22** (2006.01); **C07B 61/00** (2006.01); **C07C 45/50** (2006.01); **C07C 47/02** (2006.01)

CPC (source: EP KR)

B01J 31/16 (2013.01 - KR); **B01J 31/22** (2013.01 - KR); **B01J 31/2213** (2013.01 - EP); **B01J 31/4046** (2013.01 - EP); **C07C 45/50** (2013.01 - EP KR); **B01J 31/2295** (2013.01 - EP); **B01J 2231/321** (2013.01 - EP); **B01J 2531/0266** (2013.01 - EP); **B01J 2531/822** (2013.01 - EP); **Y02P 20/584** (2015.11 - EP)

Citation (search report)

See references of WO 9749490A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 19654908 A1 19980129; AU 3340197 A 19980114; BR 9709955 A 19990810; CA 2258280 A1 19971231; DE 19625168 A1 19980108; EP 0909218 A1 19990421; ID 17186 A 19971211; JP 2001502594 A 20010227; KR 20000022119 A 20000425; PL 330789 A1 19990607; TW 372199 B 19991021; WO 9749490 A1 19971231; ZA 975540 B 19971224

DOCDB simple family (application)

DE 19654908 A 19960624; AU 3340197 A 19970618; BR 9709955 A 19970618; CA 2258280 A 19970618; DE 19625168 A 19960624; EP 9703169 W 19970618; EP 97929208 A 19970618; ID 972159 A 19970623; JP 50226798 A 19970618; KR 19980710533 A 19981223; PL 33078997 A 19970618; TW 86108670 A 19970620; ZA 975540 A 19970623