

Title (en)

PRODUCTION OF POLYOXYMETHYLENE AND SUITABLE (II) CATALYSTS

Title (de)

HERSTELLUNG VON POLYOXYMETHYLEN UND DAFÜR GEEIGNETE KATALYSATOREN II

Title (fr)

PRODUCTION DE POLYOXYMETHYLENE ET CATALYSEURS ADAPTES A CET EFFET (II)

Publication

**EP 1506241 A1 20050216 (DE)**

Application

**EP 03722442 A 20030410**

Priority

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- EP 0303745 W 20030410

Abstract (en)

[origin: WO03085017A1] A method for the production of polyoxymethylene is disclosed by the bringing in contact of a formaldehyde source with a catalyst of formula (I), where M = Ti, Zr, Hf, V, Nb, Ta, Cr, Mo, W, Mn, Re, Fe, Ru, Os, Co, Rh or Ir, Cp = cyclopentadienyl ligands C<sub>5</sub>H(5-u) R<1>u, where u = 0 to 5, R<1> = alkyl, alkenyl, aryl, heteroaryl, aralkyl, COOR<2>, COR<2>, CN or NO<sub>2</sub>, R<2> = H, alkyl, aryl or aralkyl, v = 1 or 2, each L independently = nitrile, CO or a ligand which may be displaced by CO, w = a whole number from 0 to 4, Z = an anion and m and n independently = a whole number from 1 to 3.

IPC 1-7

**C08G 2/08**; **C08G 2/06**

IPC 8 full level

**C07F 17/00** (2006.01); **C08G 2/06** (2006.01); **C08G 2/08** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 03085017A1

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