

Title (en)

OPTICALLY ACTIVE CATALYSTS COMPRISING SALEN LIGANDS AND VANADIUM(IV), THEIR PREPARATION AND USE IN THE PRODUCTION OF CYANHYDRINES

Title (de)

EINEN SALENLIGANDEN UND VANADIUM(IV) ENTHALTENDE OPTISCH AKTIVE KATALYSATOREN, IHRE HERSTELLUNG UND IHRE VERWENDUNG ZUR HERSTELLUNG VON CYANHYDRINEN

Title (fr)

CATALYSEURS OPTIQUEMENT ACTIFS COMPRENANT UN LIGAND SALEN ET VANADIUM(IV), LEUR PREPARATION ET UTILISATION POUR LA PRODUCTION DES CYANHYDRINES

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Application

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Abstract (en)

[origin: WO03004157A2] The invention relates to an optically active catalyst containing a salen ligand of formula (II) and vanadium at oxidation stage (IV), wherein the groups R, R' and R'' of the salen ligand independently of one another represent hydrogen, branched or unbranched C1-C10 alkyl groups or an O(C1-C4-alkyl) group, or F, Cl, Br or I, an optionally substituted aryl group, or -(CH₂)_m-, whereby m represents a whole number ranging between 1 and 8 and the catalyst contains between 1.4 and 10 equivalents of a salen ligand for an equivalent of vanadium (IV).

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