

Preparation of alcohols and/or aldehydes from olefins

Abstract

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Alcohols and/or aldehydes are prepared from olefins by cross-metathesis of olefins with alcohols having at least one double bond in the molecule and in which at least one hydroxyl is in the allyl position relative to a C=C double bond over catalysts of
10 the formula (I)



15 with optional subsequent hydrogenation and/or isomerization, R^1 and R^2 being hydrogen or C-organic radicals with or without a heteroatom, X [sic] and X^1 [sic] being, independently, anionic ligands, and L [sic] and L^1 [sic] being, independently, neutral electron donor ligands.

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