

Catalyst system and carbonylation process

Abstract

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A catalyst system comprising

- (a) palladium,
 - (b) a phosphine, and
 - 10 (c) a nitrogen-containing polymer which is solubilizable in the reaction mixture, with the exception of polyvinyl polymers having aromatic nitrogen-containing radicals on the polymer chain
- 15 can be used in a process for the carbonylation of olefinically or acetylenically unsaturated compounds by means of carbon monoxide and a nucleophilic compound.

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