

CATALYST FOR DECARBONYLATION REACTION

ABSTRACT OF THE DISCLOSURE

A catalyst composed of an organic phosphorus compound having a trivalent or pentavalent phosphorus atom and at least one carbon-phosphorus bonding or a combination of the organic phosphorus compound and a halogen atom-containing compound is effective for decarbonylation, that is, for releasing carbon monoxide from a compound containing a moiety of -CO-CO-O- in its molecular structure.