

Title (en)
PROCESS FOR THE PREPARATION OF TRIARYLPHOSPHITES

Publication
EP 0000757 B1 19810805 (DE)

Application
EP 78100550 A 19780731

Priority
CH 969177 A 19770808

Abstract (en)
[origin: US4312818A] A process for producing triarylphosphites of the formula (RO)3P, in which R represents aryl or aryl substituted by one or more straight-chain or branched-chain alkyl, cycloalkyl, aryl or aralkyl groups, by reaction of phosphorus trihalides with hydroxy-substituted aromatic compounds of the formula ROH in the presence of 0.005 to 10 mol %, relative to the hydroxy-substituted aromatic compound, of a catalyst, optionally in the presence of a solvent, in which process the catalyst used is a compound from the group comprising amines or ammonium salts, amides of carboxylic acid and thiocarboxylic acids and also of oxygen acids of phosphorus, non-aromatic nitrogen-containing heterocycles and salts thereof, guanidines, amidines and azomethines and also salts thereof, sulfones, sulfoxides and sulfonium salts, primary, secondary and tertiary phosphines and salts thereof, phosphine oxides, phosphine sulfides or esters of phosphoric acids.

IPC 1-7
C07F 9/145

IPC 8 full level
B01J 27/16 (2006.01); **B01J 31/02** (2006.01); **B01J 31/04** (2006.01); **C07F 9/145** (2006.01)

CPC (source: EP US)
C07F 9/145 (2013.01 - EP US)

Cited by
DE2940620A1; EP0413661A3; DE3029176A1; US2019304882A1; WO2018215509A1; US11612897B2

Designated contracting state (EPC)
BE CH DE FR GB NL SE

DOCDB simple family (publication)
EP 0000757 A1 19790221; **EP 0000757 B1 19810805**; DE 2860898 D1 19811105; JP S5430140 A 19790306; JP S6317080 B2 19880412; US 4312818 A 19820126

DOCDB simple family (application)
EP 78100550 A 19780731; DE 2860898 T 19780731; JP 9657978 A 19780808; US 10313279 A 19791213