

Title (en)

CATALYTIC OXIDATIVE PROCESS FOR PREPARING CARBOXYLIC ACIDS FROM ALCOHOLS OR ALDEHYDES

Title (de)

KATALYTISCHES OXIDATIVES VERFAHREN ZUR HERSTELLUNG VON CARBONSÄUREN AUS ALKOHOLEN ODER ALDEHYDEN

Title (fr)

PROCEDE D'OXYDATION CATALYTIQUE PERMETTANT DE PREPARER DES ACIDES CARBOXYLIQUES A PARTIR D'ALCOOLS OU D'ALDEHYDES

Publication

EP 0986531 A1 20000322 (EN)

Application

EP 97921965 A 19970514

Priority

GB 9701313 W 19970514

Abstract (en)

[origin: WO9851654A1] A process for preparing a carboxylic acid of formula $R<1>CO_2H$, wherein $R<1>$ is optionally substituted aryl, optionally substituted heteroaryl or alkenyl optionally substituted by aryl; the process comprising reacting an alcohol of formula $R<1>CH_2OH$ or an aldehyde of formula $R<1>CHO$ with oxygen in the presence of a base, a catalytic amount of a copper salt and a suitable ligand; optionally in the presence of an additive.

IPC 1-7

C07C 51/235; **C07C 51/255**; **C07B 33/00**; **C07C 63/68**

IPC 8 full level

C07B 33/00 (2006.01); **C07B 61/00** (2006.01); **C07C 51/235** (2006.01); **C07C 51/255** (2006.01); **C07C 63/70** (2006.01)

CPC (source: EP)

C07B 33/00 (2013.01); **C07C 51/235** (2013.01); **C07C 51/255** (2013.01)

Citation (search report)

See references of WO 9851654A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9851654 A1 19981119; AU 2784297 A 19981208; CA 2288688 A1 19981119; EP 0986531 A1 20000322; JP 2002508750 A 20020319

DOCDB simple family (application)

GB 9701313 W 19970514; AU 2784297 A 19970514; CA 2288688 A 19970514; EP 97921965 A 19970514; JP 54887998 A 19970514