

Title (en)  
METHOD FOR MAKING CARBOXYLIC ACIDS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON CARBONSÄUREN

Title (fr)  
PROCEDE DE FABRICATION D'ACIDES CARBOXYLIQUES

Publication  
**EP 1562886 A1 20050817 (FR)**

Application  
**EP 03778477 A 20031028**

Priority  
• FR 0303198 W 20031028  
• FR 0213576 A 20021030

Abstract (en)  
[origin: FR2846651A1] Preparation of carboxylic acids by oxidation of hydrocarbons with oxygen(-containing gas), in the presence of a solvent, based on a monocarboxylic acid, and an oxidation catalyst; hydrolysis of esters formed in the process is carried out by treatment of the reaction mixture before extraction of the carboxylic acids, or treatment of the organic phase after extraction of the carboxylic acids.

IPC 1-7  
**C07C 51/31**; **C07C 51/09**; **C07C 55/14**; **C07C 55/21**; **C07C 51/215**

IPC 8 full level  
**C07C 27/12** (2006.01); **C07C 51/09** (2006.01); **C07C 51/21** (2006.01); **C07C 51/215** (2006.01); **C07C 51/31** (2006.01); **C07C 51/48** (2006.01); **C07C 55/10** (2006.01); **C07C 55/12** (2006.01); **C07C 55/14** (2006.01); **C07C 55/21** (2006.01)

CPC (source: EP KR US)  
**C07C 51/31** (2013.01 - EP KR US); **C07C 51/487** (2013.01 - EP KR US); **C07C 55/12** (2013.01 - KR)

Citation (search report)  
See references of WO 2004041765A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2846651 A1 20040507**; **FR 2846651 B1 20060616**; AU 2003285476 A1 20040607; BR 0315060 A 20050816; BR 0315060 B1 20130402; CN 100404490 C 20080723; CN 1714068 A 20051228; EP 1562886 A1 20050817; JP 2006504781 A 20060209; KR 100683462 B1 20070222; KR 20050065651 A 20050629; RU 2005116249 A 20060127; RU 2296743 C2 20070410; UA 79640 C2 20070710; US 2006106251 A1 20060518; US 7253312 B2 20070807; WO 2004041765 A1 20040521

DOCDB simple family (application)  
**FR 0213576 A 20021030**; AU 2003285476 A 20031028; BR 0315060 A 20031028; CN 200380103946 A 20031028; EP 03778477 A 20031028; FR 0303198 W 20031028; JP 2004549261 A 20031028; KR 20057007651 A 20050429; RU 2005116249 A 20031028; UA 2005004096 A 20031028; US 53321205 A 20050428