

Title (en)
PROCESS FOR THE OXIDATIVE PURIFICATION OF TEREPHTHALIC ACID

Title (de)
VERFAHREN ZUR OXIDATIVEN REINIGUNG VON TEREPHTHALSÄURE

Title (fr)
PROCEDE DE PURIFICATION OXYDATIVE D'ACIDE TEREPHTHALIQUE

Publication
EP 1569889 A1 20050907 (EN)

Application
EP 03790247 A 20031203

Priority

- US 0338307 W 20031203
- US 31529402 A 20021209
- US 64573403 A 20030821

Abstract (en)
[origin: WO2004052822A1] Disclosed is a process to produce a purified carboxylic acid slurry. The process comprises removing impurities from a crystallized product in a solid liquid displacement zone to form the purified carboxylic acid slurry. The purified carboxylic acid slurry is further cooled in a cooling zone and subsequently filtered and dried in a filtration and drying zone. The process produces purified carboxylic acid product having good color and low impurity levels without the use of purification steps like hydrogenation or filtrate purge.

IPC 1-7
C07C 51/47; **C07C 63/26**; **C07C 51/265**

IPC 8 full level
C07C 51/43 (2006.01); **C07C 51/47** (2006.01); **C07C 51/487** (2006.01)

CPC (source: EP KR)
C07C 51/43 (2013.01 - EP KR); **C07C 51/47** (2013.01 - EP KR); **C07C 51/487** (2013.01 - EP KR)

Citation (search report)
See references of WO 2004052822A1

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)
WO 2004052822 A1 20040624; AU 2003293252 A1 20040630; BR 0316461 A 20051011; EP 1569889 A1 20050907; KR 101034964 B1 20110517; KR 20050084213 A 20050826; MX PA05005979 A 20050818

DOCDB simple family (application)
US 0338307 W 20031203; AU 2003293252 A 20031203; BR 0316461 A 20031203; EP 03790247 A 20031203; KR 20057010419 A 20031203; MX PA05005979 A 20031203