Title (en)
PROCESS FOR PREPARING LITHIUM AND MANGANESE OXIDES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON LITHIUM-MANGAN-OXIDEN

Title (fr)
PROCEDE DE PREPARATION D'OXYDES DE MANGANESE ET DE LITHIUM

Publication
EP 0950023 A1 19991020 (DE)

Application
EP 97953902 A 19971222

Priority
• DE 19654688 A 19961230
• EP 9707228 W 19971222

Abstract (en)
[origin: WO9829342A1] A process is disclosed for preparing a lithium manganese oxide by reacting at least one lithium compound and at least one manganese compound in hydrothermic conditions, i.e. in heated aqueous solutions at sub-atmospheric pressures. Also disclosed is such a lithium and manganese oxide and its use as cathode material for electrochemical cells.

IPC 1-7
C01G 45/00; H01M 4/50

IPC 8 full level
C01G 45/00 (2006.01); **H01M 4/50** (2010.01); **H01M 4/505** (2010.01); H01M 10/0525 (2010.01); H01M 10/36 (2010.01)

CPC (source: EP KR US)
C01G 45/00 (2013.01 - KR); **C01G 45/1242** (2013.01 - EP US); **H01M 4/505** (2013.01 - EP US); C01P 2002/32 (2013.01 - EP US); C01P 2002/52 (2013.01 - EP US); C01P 2002/77 (2013.01 - EP US); C01P 2004/61 (2013.01 - EP US); C01P 2004/62 (2013.01 - EP US); C01P 2006/12 (2013.01 - EP US); C01P 2006/40 (2013.01 - EP US); C01P 2006/80 (2013.01 - EP US); H01M 10/0525 (2013.01 - EP US); Y02E 60/10 (2013.01 - EP); Y10T 29/49108 (2015.01 - EP US)

Citation (search report)
See references of WO 9829342A1

Designated contracting state (EPC)
AT BE DE DK ES FI FR GB IE IT NL SE

DOCDB simple family (publication)
WO 9829342 A1 19980709; AU 5762898 A 19980731; CA 2276301 A1 19980709; EP 0950023 A1 19991020; JP 2001508391 A 20010626; KR 20000062340 A 20001025; TW 446685 B 20010721; US 6706443 B1 20040316

DOCDB simple family (application)
EP 9707228 W 19971222; AU 5762898 A 19971222; CA 2276301 A 19971222; EP 97953902 A 19971222; JP 52959398 A 19971222; KR 19997005811 A 19990625; TW 86119919 A 19971229; US 33191999 A 19990819