

Title (en)
Battery

Title (de)
Batterie

Title (fr)
Pile

Publication
EP 1042829 A1 20001011 (EN)

Application
EP 98963897 A 19981214

Priority
• US 9826490 W 19981214
• US 182297 A 19971231
• US 5492898 A 19980403

Abstract (en)
[origin: WO9934462A1] A cathode (12) that includes manganese dioxide and relatively small particles of nonsynthetic, nonexpanded graphite is disclosed. The graphite particles can have an average particle size of less than 20 microns. The cathode (12) can be used in an electrochemical cell, such as a battery (10).

IPC 1-7
H01M 4/30; H01M 4/62

IPC 8 full level
H01M 2/16 (2006.01); **H01M 4/06** (2006.01); **H01M 4/24** (2006.01); **H01M 4/50** (2006.01); **H01M 4/62** (2006.01); **H01M 6/06** (2006.01); **H01M 6/08** (2006.01); **H01M 50/414** (2021.01); **H01M 50/429** (2021.01); **H01M 50/449** (2021.01); **H01M 50/491** (2021.01); **H01M 4/02** (2006.01)

CPC (source: EP US)
H01M 4/244 (2013.01 - EP); **H01M 4/50** (2013.01 - EP); **H01M 4/625** (2013.01 - EP); **H01M 6/08** (2013.01 - EP); **H01M 50/414** (2021.01 - EP US); **H01M 50/429** (2021.01 - EP US); **H01M 50/491** (2021.01 - EP US); **H01M 50/44** (2021.01 - EP); **H01M 2004/028** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9934462 A1 19990708; AR 014204 A1 20010207; AU 1913299 A 19990719; CA 2313790 A1 19990708; CN 1285961 A 20010228; EP 1042829 A1 20001011; EP 1042829 A4 20040714; JP 2002500419 A 20020108; TW 398092 B 20000711

DOCDB simple family (application)
US 9826490 W 19981214; AR P980106710 A 19981229; AU 1913299 A 19981214; CA 2313790 A 19981214; CN 98812838 A 19981214; EP 98963897 A 19981214; JP 2000526986 A 19981214; TW 87121895 A 19981230