

Title (en)
SEALED NICKEL-ZINC CELL.

Title (de)
VERSIEGELTE NICKEL-ZINKZELLE.

Title (fr)
PILE SCHELLEE AU NICKEL-ZINC.

Publication
EP 0126143 A4 19850610 (EN)

Application
EP 83903885 A 19831110

Priority
US 44308182 A 19821119

Abstract (en)
[origin: WO8402232A1] A sealed rechargeable alkaline cell (10) in which hydrogen is evolved in service, such as, for example, nickel-zinc, includes in the positive electrode (32) a catalyst for the oxidation of hydrogen, such as, for example, silver, in an amount sufficient to oxidize hydrogen evolved so that only a relatively moderate internal pressure is maintained in service and the cell may be used under even high rate charge/discharge conditions without venting of the cell occurring.

IPC 1-7
H01M 10/52

IPC 8 full level
H01M 10/52 (2006.01); **H01M 4/24** (2006.01); **H01M 4/62** (2006.01); **H01M 10/34** (2006.01); **H01M 50/491** (2021.01); **H01M 4/36** (2006.01); **H01M 4/66** (2006.01); **H01M 4/72** (2006.01); **H01M 6/10** (2006.01)

CPC (source: EP US)
H01M 4/244 (2013.01 - EP); **H01M 4/364** (2013.01 - EP); **H01M 4/621** (2013.01 - EP); **H01M 4/622** (2013.01 - EP); **H01M 10/34** (2013.01 - EP); **H01M 10/52** (2013.01 - EP); **H01M 50/491** (2021.01 - EP US); **H01M 4/661** (2013.01 - EP); **H01M 4/72** (2013.01 - EP); **H01M 6/10** (2013.01 - EP); **H01M 10/526** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
[X] FR 1058535 A 19540317 - ACCUMULATEUREN FABRIK AG

Designated contracting state (EPC)
BE FR

DOCDB simple family (publication)
WO 8402232 A1 19840607; DE 3390339 T1 19850110; EP 0126143 A1 19841128; EP 0126143 A4 19850610; GB 2140967 A 19841205; GB 2140967 B 19860305; GB 8416541 D0 19840801; IN 161624 B 19880102; JP H0752656 B2 19950605; JP S59502082 A 19841213; SE 8403749 D0 19840717; SE 8403749 L 19840717

DOCDB simple family (application)
US 8301777 W 19831110; DE 3390339 T 19831110; EP 83903885 A 19831110; GB 8416541 A 19831110; IN 1414CA1983 A 19831118; JP 50005584 A 19831110; SE 8403749 A 19840717