

Title (en)
PRESSURIZED METAL-AIR BATTERY CELLS

Title (de)
UNTER DRUCK GESETZTE METALL-LUFT ZELLE

Title (fr)
ELEMENTS D'ACCUMULATEUR METAL-AIR SOUS PRESSION

Publication
EP 1142055 A1 20011010 (EN)

Application
EP 99965920 A 19991130

Priority

- US 9928120 W 19991130
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- US 11229298 P 19981215
- US 12950299 P 19990415

Abstract (en)
[origin: WO0033411A1] Applying pressure to metal-air battery cells (such as zinc-air battery cells) results in a significant drop in the voltage delay effect. In addition, applying pressure to these cells also increases the output voltage. Pressure may be applied to the outside of the cell housing, or by pressurizing the internal contents of the cell.

IPC 1-7
H01M 12/06

IPC 8 full level
H01M 4/06 (2006.01); **H01M 4/62** (2006.01); **H01M 4/86** (2006.01); **H01M 4/88** (2006.01); **H01M 4/96** (2006.01); **H01M 8/02** (2006.01); **H01M 12/06** (2006.01); **H01M 50/119** (2021.01); **H01M 50/121** (2021.01); **H01M 50/202** (2021.01); **H01M 50/291** (2021.01); **H01M 50/553** (2021.01); **H01M 4/02** (2006.01); **H01M 4/74** (2006.01); **H01M 4/90** (2006.01); **H01M 6/42** (2006.01); **H01M 6/50** (2006.01); **H01M 8/04** (2006.01); **H01M 10/04** (2006.01); **H01M 10/44** (2006.01); **H01M 16/00** (2006.01)

CPC (source: EP US)
H01M 4/06 (2013.01 - EP); **H01M 4/62** (2013.01 - EP); **H01M 4/628** (2013.01 - EP); **H01M 4/745** (2013.01 - EP); **H01M 4/8605** (2013.01 - EP); **H01M 4/96** (2013.01 - EP); **H01M 6/5033** (2013.01 - EP); **H01M 8/0228** (2013.01 - EP); **H01M 10/0413** (2013.01 - EP); **H01M 10/0468** (2013.01 - EP); **H01M 12/06** (2013.01 - EP); **H01M 12/065** (2013.01 - EP); **H01M 50/109** (2021.01 - EP); **H01M 50/119** (2021.01 - EP US); **H01M 50/121** (2021.01 - EP US); **H01M 50/1385** (2021.01 - EP); **H01M 50/202** (2021.01 - EP US); **H01M 50/291** (2021.01 - EP US); **H01M 50/553** (2021.01 - EP US); **H01M 4/02** (2013.01 - EP); **H01M 4/621** (2013.01 - EP); **H01M 4/9016** (2013.01 - EP); **H01M 6/42** (2013.01 - EP); **H01M 6/50** (2013.01 - EP US); **H01M 8/0206** (2013.01 - EP); **H01M 8/0213** (2013.01 - EP); **H01M 8/04089** (2013.01 - EP); **H01M 10/44** (2013.01 - EP); **H01M 16/00** (2013.01 - EP); **H01M 50/103** (2021.01 - EP); **H01M 50/342** (2021.01 - EP); **H01M 2004/021** (2013.01 - EP); **H01M 2004/8689** (2013.01 - EP); **H01M 2010/0495** (2013.01 - EP); **H01M 2200/20** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP); **Y02E 60/50** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

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