

Title (en)  
Inflator with drop-in batteries and universal adapters

Title (de)  
Batteriebetriebene Aufblasvorrichtung mit Universaladaptor

Title (fr)  
Gonfleur entraînée par batterie avec adaptateur universel

Publication  
**EP 0852296 A3 20000126 (EN)**

Application  
**EP 98300052 A 19980106**

Priority  
• US 77884197 A 19970106  
• US 96087997 A 19971030

Abstract (en)  
[origin: EP0852296A2] A portable, battery powered inflator with removable batteries (16,16') which are switch (18) activated. The inflator has an air intake (4) and output (6) for delivering air into a variety of air bladders with different sized valves. The batteries (16,16') are typical dry cells and not rechargeable to save cost. The inflator has a cover (15) that allows quick removable and replacement of the batteries. An adapter assembly including a transition structure and adapters (38,38') are provided to allow inflation of a variety of bladders having different sized valves. The attaching of the transition structure engages the switch (18) completing an electrical circuit that activates the motor (8) to deliver air automatically. <IMAGE>

IPC 1-7  
**F04D 25/08; F04D 25/06**

IPC 8 full level  
**F04D 25/08** (2006.01)

CPC (source: EP)  
**F04D 25/0673** (2013.01); **F04D 25/084** (2013.01)

Citation (search report)  
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