

(12) **UK Patent Application** (19) **GB** (11) **2 414 687** (13) **A**

(43) Date of Printing by UK Office **07.12.2005**

(21) Application No: **0517973.4**  
(22) Date of Filing: **03.02.2004**  
(30) Priority Data:  
(31) **0302661** (32) **05.02.2003** (33) **GB**  
(86) International Application Data:  
**PCT/EP2004/000980 En 03.02.2004**  
(87) International Publication Data:  
**WO2004/069396 En 19.08.2004**

(51) INT CL<sup>7</sup>:  
**B01F 13/00 // A61F 2/46**  
(52) UK CL (Edition X):  
**B1C CAF CAY CPJA C306 C310**  
(56) Documents Cited by ISA:  
**WO 2001/056514 A US 5558136 A**  
**US 5494349 A US 4721390 A**  
(58) Field of Search by ISA:  
INT CL<sup>7</sup> **A61F, B01F**  
Other:

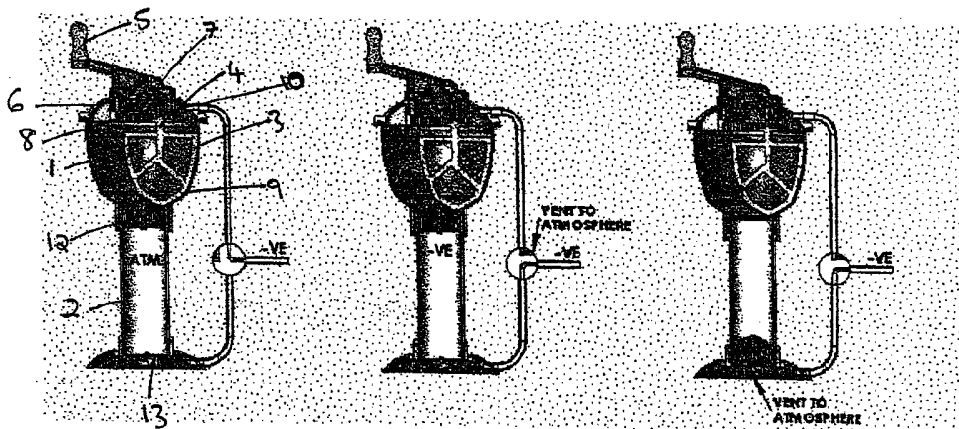
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(54) Abstract Title: **Orthopaedic cement mixing device**

(57) An orthopaedic cement mixing apparatus comprising a mixing chamber and a cylindrical dispensing chamber, the mixing chamber having an outlet opening and the dispensing chamber having an inlet opening, the outlet opening and the inlet opening being arranged so as to allow cement mixed in the mixing chamber to pass into the dispensing chamber; closure means having a first position separating the outlet opening of the mixing chamber and the inlet opening of the dispensing chamber, and means for applying a vacuum to the mixing chamber and to the dispensing chamber, characterised in that the apparatus further comprises switching means for switching the applied vacuum between the mixing chamber and the dispensing chamber.



**GB 2 414 687 A**

**GB 2414687 A continuation**

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