(12) UK Patent Application (19) GB (11) 2487136

(51) INT CL:

(43) Date of Reproduction by UK Office

11.07.2012

(21) Application No:		1201310.8
(22) Date of Filing:		28.06.2010
Date Lodged:		26.01.2012
(30) Priority Data:		
(31) 61221000	(32) 26.06.2009	(33) US
(31) 61221001	(32) 26.06.2009	(33) US
(31) 61221003	(32) 26.06.2009	(33) US
(31) 61287018	(32) 16.12.2009	(33) US
(31) 61287029	(32) 16.12.2009	(33) US
(31) 61287034	(32) 16.12.2009	(33) US

(56) Documents Cited by ISA: EP 0630784 A1 US 6058749 A

US 20060272365 A1 WO 2006/024682 (58) Field of Search by ISA:

> INT CL B60R, E05B, E05C Other: EPO-Internal

E05B 65/14 (2006.01)

E05C 19/18 (2006.01)

G08B 13/06 (2006.01)

DE 102005016382 A1 US 20090134999 A1

E05B 51/02 (2006.01)

G07C 9/00 (2006.01)

G08B 25/10 (2006.01)

(86) International Application Data:

PCT/US2010/040265 En 28.06.2010

(87) International Publication Data: WO2010/151900 En 29.12.2010

(71) Applicant(s):

Cubic Corporation (Incorporated in USA - California) 9333 Balboa Avenue, San Diego, California 92123, **United States of America**

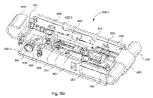
(72) Inventor(s):

David R Powers Donald H Warf Daniel Bertuna Walter C Bonneau Jr David K Aberizk Jon D Neasham **Scott Wilson**

(continued on next page)

(54) Title of the Invention: FLOATING J-HOOKS BETWEEN TWO BUSHINGS IN HOUSING WITH A SINGLE PISTON Abstract Title: Floating j-hooks between two bushings in housing with a single piston

(57) A lock mechanism for locking at least one door of a container in a closed position includes first and second members slidably coupled to each other to move relative to each other, a latching mechanism configured to prevent the two members from moving relative to each other in at least one direction when the latching mechanism is in a locked state, and first and second lock members, each of the lock members including a first end and a second end. The first ends of the first and second lock members protrude through the body. The second end of the first lock member is coupled to the first member of the locking mechanism and the second end of the second lock member being coupled to the second member of the locking mechanism. The first ends of the first and second lock members are configured to engage portions of the container to lock the at least one container door in a closed position. The body is sized and disposed to support the first and second lock members to prevent rotation of the first and second lock members about points where the first and second lock members are attached to the first and second members of the latching mechanism. The lock mechanism further includes a lock circuit at least partially enclosed within the body. The lock circuit includes a lock controller coupled to the latching mechanism and configured to receive commands related to the operation of the lock mechanism, wherein the lock controller is configured to cause the latching mechanism to be in the locked state in response to the received commands.



GB 2487136 A continuation

(72) Inventor(s):

Keith L Frankie Stuart J Waddell Jamie Sparks

(74) Agent and/or Address for Service:J A Kemp14 South Square, Gray's Inn, London, WC1R 5JJ, United Kingdom