

Title (en)
Novelty in crane control apparatus

Title (de)
Neuheit im Kran Steuer Apparat

Title (fr)
Nouveauté dans un appareillage de commande de grue

Publication
EP 1641006 A1 20060329 (EN)

Application
EP 05016389 A 20050728

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Abstract (en)
The present invention relates to a speed and direction control apparatus controlling the changes in direction and speed to be traversed by carrier systems, said apparatus comprising a button assembly slot (8) embodied on a supporting body (1); a button (3) positioned in said button assembly slot (8); a button contact block (4) positioned on said supporting body (1) and under the button (3); and at least one obstruction (11.1) positioned on the orifice that is opened on said button (3), and formed along the inner circumferential surface of a circular formation having essentially a smaller diameter as compared to the diameter of said button (3).

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Citation (search report)
• [A] US 3469164 A 19690923 - TRUEMPER JOHN P, et al
• [A] EP 0257647 A2 19880302 - KITO KK [JP]
• [A] FR 2509520 A1 19830114 - MANNESMANN AG [DE]

Cited by
IT201600114323A1; CN109964293A; US11842864B2; WO2018092008A1

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