

Title (en)  
RELEASE MECHANISM

Title (de)  
AUSLÖSEMECHANISMUS

Title (fr)  
MÉCANISME DE LIBÉRATION

Publication  
**EP 3424864 A1 20190109 (EN)**

Application  
**EP 18178830 A 20180620**

Priority  
GB 201710659 A 20170703

Abstract (en)  
The present invention relates to a release mechanism suitable for remotely releasing lifting clutches of the type typically used in the lifting and moving of concrete components. The release mechanism (20) comprises a telescoping arrangement of first and second members (28,30) and a locking mechanism (50) selectively engageable to restrain the first and second members (28,30) in a retracted configuration. First and second connectors (26,34) are attached to the first and second members (28,30) respectively, and an actuator (32) is provided for releasing the locking mechanism (50). Releasing the locking mechanism allows extension of the telescoping arrangement to an extended configuration, altering the relative reach or length of the first and second connectors (26,34) from the first member (28).

IPC 8 full level  
**B66C 1/66** (2006.01); **B66C 1/10** (2006.01); **B66C 1/12** (2006.01); **E04G 21/14** (2006.01)

CPC (source: EP GB)  
**B66C 1/10** (2013.01 - EP); **B66C 1/125** (2013.01 - EP); **B66C 1/666** (2013.01 - EP GB); **E04G 21/142** (2013.01 - EP GB)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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