

Title (en)  
Telescoping system

Title (de)  
Teleskopiersystem

Title (fr)  
Système de télescopage

Publication  
**EP 0754646 B1 20000510 (DE)**

Application  
**EP 96111252 A 19960712**

Priority  
• DE 19525627 A 19950717  
• DE 19546661 A 19951214

Abstract (en)  
[origin: EP0754646A1] Detachable locking bolts (61,61') penetrate the walls of adjacent shots (21,22,23) for fixing their position. A preferably single-stage lifting cylinder (31), exposed on both sides to pressurised medium with carriers (411,411'), operates in conjunction with the appropriate shot. A claw gripping, behind a head (611), is formed on the locking bolt protruding from the set of shots towards the lifting cylinder. The lifting element of the lifting cylinder has a claw mounted on it which is mechanically combined with the adjustably mounted carriers on the lifting cylinder's lifting element. the locking bolt comprising the two adjacent shots can only be released when the carriers are in position. The carriers are disengaged only when the released locking bolt is again in position after the lifting stroke has been completed.

IPC 1-7  
**B66C 23/70; F15B 15/26**

IPC 8 full level  
**B66C 23/70** (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP)  
**B66C 23/708** (2013.01); **F15B 15/261** (2013.01)

Cited by  
EP2392537A1; DE102012002122B4; DE102009008557A1; DE102009048763A1; EP2392536A1; DE19824671C2; CN105174091A; US2022144602A1; JP2001294392A; DE19926131B4; CN105636841A; DE102009008557B4; EP2218672A3; CN101817480A; EP2221270A3; CN113295324A; DE102009048763B4; EP2218672A2; DE202015101045U1; DE102015103156A1; DE202010014103U1; DE102011115355A1; DE102010022867A1; DE102012002122A1; EP2835336A1; US10322915B2; DE202010014105U1; DE102011115357A1; DE202014004976U1; DE102015007064A1; DE102011115357B4; DE102010022865A1

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