

Title (en)
Shifting device

Title (de)
Verschiebevorrichtung

Title (fr)
Dispositif de déplacement

Publication
EP 1403450 B1 20050406 (DE)

Application
EP 03015467 A 20030709

Priority
DE 10243744 A 20020920

Abstract (en)
[origin: EP1403450A1] The device has an operating cylinder (20) with a piston rod (24) extendible from a cylinder block (22) and displaces a carriage (14) mounted on a guide (12). A support segment (16) is mounted displaceably on the piston rod and guide or carriage. The support segment is displaced to a predetermined support position on the piston rod when the rod is extended. An Independent claim is also included for a construction machine.

IPC 1-7
E04H 12/18; **E21B 15/00**

IPC 8 full level
E04H 12/18 (2006.01); **E21B 15/00** (2006.01); **E21B 19/086** (2006.01)

CPC (source: EP US)
E21B 19/086 (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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