

Title (en)  
RODLESS WORKING CYLINDER

Publication  
**EP 0212420 B1 19890301 (DE)**

Application  
**EP 86110773 A 19860804**

Priority  
DE 3529350 A 19850816

Abstract (en)  
[origin: US4735047A] A piston rodless working cylinder has a movable carriage upon which is mounted a compressed air driven device, such as, for example, a brake mechanism. The movable carriage is provided with a compressed air reservoir which can be recharged from a stationary compressed air source by pneumatic line connector devices which are automatically connected to the compressed air source in end positions of the carriage. This structure eliminates the necessity for flexible hose or line connections from a source of compressed air to the carriage.

IPC 1-7  
**F15B 15/08**

IPC 8 full level  
**F15B 15/08** (2006.01)

CPC (source: EP US)  
**F15B 15/082** (2013.01 - EP US)

Cited by  
DE3925219A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 0212420 A2 19870304; EP 0212420 A3 19880323; EP 0212420 B1 19890301**; DE 3529350 A1 19870226; DE 3662216 D1 19890406; US 4735047 A 19880405

DOCDB simple family (application)  
**EP 86110773 A 19860804**; DE 3529350 A 19850816; DE 3662216 T 19860804; US 86440586 A 19860519