

Title (en)  
Fluid actuated working cylinder

Title (de)  
Fluidbetätigter Arbeitszylinder

Title (fr)  
Vérin à actionnement par fluide

Publication  
**EP 1568894 B1 20070411 (DE)**

Application  
**EP 05000205 A 20050107**

Priority  
DE 202004002852 U 20040224

Abstract (en)  
[origin: EP1568894A2] The fluid operated power cylinder (1) has a sensor housing (34) for the fixing of a position sensor (35) serving for the end position detection of the piston. The sensor housing is installed on the outer circumference of a cover extension (32) so that it is passed under by the piston submerging into the cover extension. The sensor housing on its front side terminates flush with the axially orientated end face (43) of the cover extension. The sensor housing extends over the whole length of the cover extension.

IPC 8 full level  
**F15B 15/28** (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP)  
**F15B 15/1433** (2013.01); **F15B 15/1438** (2013.01); **F15B 15/2807** (2013.01); **F15B 15/2892** (2013.01); **F15B 2215/305** (2013.01)

Cited by  
JP2009544898A; US8438967B2; WO2008011909A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 202004002852 U1 20040422**; DE 502005000564 D1 20070524; EP 1568894 A2 20050831; EP 1568894 A3 20051109;  
EP 1568894 B1 20070411

DOCDB simple family (application)  
**DE 202004002852 U 20040224**; DE 502005000564 T 20050107; EP 05000205 A 20050107