

Title (en)  
Cylinder locking device.

Title (de)  
Zylinderverriegelungseinrichtung.

Title (fr)  
Dispositif de blocage pour cylindre.

Publication  
**EP 0197620 A2 19861015 (EN)**

Application  
**EP 86300228 A 19860115**

Priority  
JP 7467485 A 19850409

Abstract (en)  
A cylinder locking device for a fluid pressure cylinder in which two brake members (6, 7) are formed by dividing axially into two a thick cylinder having outer and inner circumferences in eccentric relation, the division being made in the region of maximum thickness and the region of minimum thickness. A piston rod (5) of a fluid pressure cylinder (1) is slidably fitted within the inner circumferential portion of the nearly semi-cylindrical brake members (6, 7). Support members (8, 9) rotatably support the outer circumferential portions of the two brake members (6, 7). A spring (14) is arranged to bias the brake members (6, 7) in a direction to lock the piston rod (5), and an actuator (20) can rotate the brake members (6, 7) in a direction to release them from their locking condition against the biasing force of the spring (14).

IPC 1-7  
**F15B 15/26**

IPC 8 full level  
**F15B 15/26** (2006.01)

CPC (source: EP KR)  
**F15B 15/26** (2013.01 - KR); **F15B 15/262** (2013.01 - EP)

Cited by  
DE3744295A1; DE19934750B4; EP0446694A1; DE19543471C1; FR2741406A1; WO0074892A3

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