

Title (en)
POWER CYLINDER

Publication
EP 0463349 B1 19930428 (DE)

Application
EP 91107995 A 19910517

Priority
DE 4020368 A 19900627

Abstract (en)
[origin: EP0463349A1] A power cylinder (1) is proposed in which the position of a working piston (10) and the distance it covers in each case and the speed with which it covers this distance are measured by a hollow-cylindrical sensor (13, 16, 17, 18) and the result is fed to an electronic switching device. The sensor (13, 16, 17, 18) serves to pass through the aspirated air to an aspiration chamber (12) of the power cylinder (1), as a result of which the sensor can be cooled. <??>The power cylinder (1) is intended for use in motor vehicle clutches. <IMAGE>

IPC 1-7
F15B 15/28

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

CPC (source: EP US)
F15B 15/28 (2013.01 - EP US)

Citation (examination)
• US 4727791 A 19880301 - SATOH YUJI [JP]
• DE 2430394 A1 19760108 - KNORR BREMSE GMBH

Cited by
DE4405914B4

Designated contracting state (EPC)
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EP 0463349 A1 19920102; EP 0463349 B1 19930428; DE 4020368 A1 19920102; DE 59100096 D1 19930603; HU 206536 B 19921130; HU 912142 D0 19911230; HU T59469 A 19920528; JP 3160008 B2 20010423; JP H04231707 A 19920820; US 5123330 A 19920623

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EP 91107995 A 19910517; DE 4020368 A 19900627; DE 59100096 T 19910517; HU 214291 A 19910626; JP 15291991 A 19910625; US 69128091 A 19910425