

Title (en)
Electronic cylinder with waterproof structure

Title (de)
Elektronischer Zylinder mit wasserfester Struktur

Title (fr)
Cylindre électronique à structure étanche

Publication
EP 3000954 B1 20170426 (EN)

Application
EP 14186755 A 20140929

Priority
EP 14186755 A 20140929

Abstract (en)
[origin: EP3000954A1] An electronic cylinder includes a knob; a cylinder core connected with the knob; a motor having a protrusion block; a clutch unit; a coupler including a chamber receiving the clutch unit and a front portion having a front end face with an opening constituted by an injection channel indented inwardly from the end face and extending from a first point of a periphery confining the end face, an recess indented inwardly from a bottom surface of the injection channel and an outflow channel indented inwardly from the end face and extending from a second point of the periphery, the bottom of the recess being formed with a hole permitting extension of an axle for engaging the clutch unit, a preventing block in a depth of the opening such that after assembly, the end face abuts against the motor; and a waterproof filler hermetically filling the recess.

IPC 8 full level
E05B 17/00 (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP)
E05B 17/002 (2013.01); **E05B 47/0615** (2013.01); **E05B 47/0642** (2013.01); **E05B 47/0012** (2013.01)

Cited by
CN106088829A; CN112197001A; EP4092228A1

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