

Title (en)
Magnetic grabber

Title (de)
Magnetgreifer

Title (fr)
Electro-aimant

Publication
EP 2465806 B1 20131127 (DE)

Application
EP 10015772 A 20101217

Priority
EP 10015772 A 20101217

Abstract (en)
[origin: EP2465806A1] The gripper (11) has a detecting device (41) arranged in housing for detecting holding or absence of a workpiece (19) on an end surface (18) of the housing, where working pressure of working fluid of the detection device is determined in dependence of active or inactive working positions. A magnetic piston comprises a housing base (17), and holding magnets (34) that are moved up and down in the housing base for holding the workpiece. The holding magnets control a valve assembly (59) of the detection device, and the housing base includes an opened recess (45).

IPC 8 full level
B66C 1/04 (2006.01)

CPC (source: EP US)
B66C 1/04 (2013.01 - EP US); **H01F 7/0257** (2013.01 - EP US); **H01F 7/04** (2013.01 - EP US)

Cited by
CN112719893A; CN112123852A; CN104227726A; CN106949136A; EP3093078A1; DE102015107470A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2465806 A1 20120620; EP 2465806 B1 20131127; CN 102530705 A 20120704; CN 102530705 B 20150722; JP 2012131019 A 20120712; JP 5827881 B2 20151202; US 2012153649 A1 20120621; US 8573662 B2 20131105

DOCDB simple family (application)
EP 10015772 A 20101217; CN 201110431711 A 20111216; JP 2011267619 A 20111207; US 201113326486 A 20111215