

Title (en)
PNEUMATIC SENSOR FOR THE CONTROL OF PNEUMATIC CYCLES

Publication
EP 0165282 B1 19870916 (FR)

Application
EP 85900131 A 19841204

Priority
FR 8319798 A 19831209

Abstract (en)
[origin: WO8502659A1] Improvement to pneumatic sensors for the control of pneumatic cycles wherein a fluid jet pump is supplied at the inlet by a compressed air circuit and is connected at the outlet to a nozzle the stopping of which causes a pressure rise in the fluid jet pump, said rise being used as a control signal of a pneumatic component. The space (4) comprised between the jets (2, 3) of the fluid jet pump is connected on one hand to an outlet orifice (14) emitting the control signal and on the other hand to an air vent valve (13b) which, open during the ejection escape, lets the atmospheric pressure into the space (4), the outlet (14) and the conduit (15) preventing the formation of a depression, and which is closed during the obturation of the escape. The invention is used for the control of pneumatic cycles.

IPC 1-7
F15B 5/00

IPC 8 full level
F15B 5/00 (2006.01)

CPC (source: EP US)
F15B 5/003 (2013.01 - EP US); **Y10T 137/2278** (2015.04 - EP US)

Citation (examination)
• GB 1428887 A 19760317 - GNII TEPLOENETGETICHESKOGO PRI
• US 3378022 A 19680416 - SORENSON PAUL H
• CH 547958 A 19740411 - BIRCHER MAX
• FR 1516690 A 19680308

Designated contracting state (EPC)
CH DE GB LI SE

DOCDB simple family (publication)
WO 8502659 A1 19850620; DE 3466271 D1 19871022; EP 0165282 A1 19851227; EP 0165282 B1 19870916; ES 538421 A0 19860116; ES 8604340 A1 19860116; FR 2556420 A1 19850614; FR 2556420 B1 19860725; IT 1179850 B 19870916; IT 8454132 V0 19841207; IT 8468218 A0 19841207; IT 8468218 A1 19860607; JP S61500625 A 19860403; US 4658849 A 19870421

DOCDB simple family (application)
FR 8400284 W 19841204; DE 3466271 T 19841204; EP 85900131 A 19841204; ES 538421 A 19841207; FR 8319798 A 19831209; IT 5413284 U 19841207; IT 6821884 A 19841207; JP 50450484 A 19841204; US 74665485 A 19850613