

Title (en)

AIR PRESSURE CONTROL SYSTEM AND OPERATION OF AIR PUMP FOR VEHICLE TYRES

Title (de)

LUFTDRUCKSTEUERSYSTEM UND BETRIEB EINER LUFTPUMPE FÜR FAHRZEUGGREIFEN

Title (fr)

SYSTEME DE REGULATION D'AIR SOUS PRESSION ET POMPE A AIR POUR PNEUMATIQUES DE VEHICULE

Publication

EP 1606127 A1 20051221 (EN)

Application

EP 04723885 A 20040326

Priority

- SE 2004000471 W 20040326
- SE 0300857 A 20030327

Abstract (en)

[origin: WO2005007425A1] A system for pressure control in one or more tyres on a vehicle wheel by means of a piston pump (1) connected to the tyre of the wheel. A magnet (8) attached next to the wheel attract an anchor (6), which is in connection with the pump piston (3) at every rotation when the wheel (13) with the pump (1) moves past the magnet (9), so that a compression stroke occurs. During the rest of the rotation of the wheel a spring device (14) returns the piston (3), so that it produces a suction stroke.

IPC 1-7

B60C 23/12

IPC 8 full level

B60C 23/00 (2006.01); **B60C 23/12** (2006.01)

CPC (source: EP US)

B60C 23/004 (2013.01 - EP); **B60C 23/126** (2020.05 - EP US)

Citation (search report)

See references of WO 2005007425A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005007425 A1 20050127; EP 1606127 A1 20051221; SE 0300857 D0 20030327; SE 0300857 L 20040928; SE 526278 C2 20050816

DOCDB simple family (application)

SE 2004000471 W 20040326; EP 04723885 A 20040326; SE 0300857 A 20030327