

Title (en)  
INFLATING AND DEFLATING VALVE FOR THE WHEEL OF A VEHICLE

Title (de)  
AUFBLAS-/ ENTLEERUNGSVENTIL FÜR EIN FAHRZEUGRAD

Title (fr)  
VANNE DE GONFLAGE ET DE DEGONFLAGE POUR ROUE DE VEHICULE

Publication  
**EP 1470008 A1 20041027 (FR)**

Application  
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Priority  
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Abstract (en)  
[origin: FR2835304A1] The invention relates to a wheel valve (1) for the tyre of a vehicle, comprising a non-return valve (11), two half-bodies (3,4) defining a cavity and assembled with a membrane (6) inserted therebetween acting as a sealing joint between said half-bodies, said non-return valve comprising a tubular element (12) which is connected to the membrane and inside which the closing element (18) can move between a seat (17) and a base (20), said closing element being applied against the seat by means of the pressure prevailing in the tyre. The closing element (18) is subjected to the action of a magnetic field ensuring the maintainance thereof at the base (20) so that the valve can be kept open and that the tyre can deflate slowly. It is made of a steel ball (18) which cooperates with the seat (17) and which is defined by a ring (1) which is inserted into the tubular element (12). The magnetic field is produced with the aid of a magnetized element (22) disposed in the vicinity of the membrane (6).

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**B60C 23/00**

IPC 8 full level  
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