

Title (en)

A method and a system for refuelling of gas driven vehicles and a vehicle gas container

Title (de)

Vorrichtung und Verfahren zur Betankung von gasbetriebenen Fahrzeugen und Fahrzeuggasbehältern

Title (fr)

Appareil et méthode pour faire le plein d'un véhicule fonctionnant au gaz et de son réservoir

Publication

EP 1559949 A1 20050803 (EN)

Application

EP 04445007 A 20040128

Priority

EP 04445007 A 20040128

Abstract (en)

A method and a system for refuelling of gas driven vehicles, particularly buses and lorries, from a gas fuelling station is done in short time by supplying the vehicle gas container (40) from two opposite directions simultaneously. The vehicle gas container comprises two openings (44, 45) situated at opposite ends, each opening equipped with a refuelling valve. Only one of the openings (44) is equipped with a feeding valve for supplying driving gas to the vehicle engine (E) when driving. Favourably the vehicle gas container (40) is divided in at least two separate sections (40A, 40B) used one at a time for driving of the vehicle and refuelled automatically step by step by starting with the section (40A) having the lowest pressure. <IMAGE>

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F17C 5/00

IPC 8 full level

F17C 5/00 (2006.01)

CPC (source: EP)

F17C 5/007 (2013.01); **F17C 2227/043** (2013.01)

Citation (search report)

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- [Y] WO 03060374 A1 20030724 - LINDE AG [DE], et al
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