

Title (en)

POUCH ASSEMBLY FOR HOLDING A LIQUID UREA SOLUTION FOR USE IN AN SCR SYSTEM FOR TREATING THE EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE OF A VEHICLE AND SYSTEM FOR TREATING THE EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE OF A VEHICLE USING THE LIQUID UREA SOLUTION

Title (de)

BEUTELANORDNUNG ZUM ENTHALTEN EINER FLÜSSIGEN HARNSTOFFLÖSUNG ZUR VERWENDUNG IN EINEM SCR-SYSTEM ZUR BEHANDLUNG VON ABGASEN EINES VERBRENNUNGSMOTORS EINES FAHRZEUGS SOWIE SYSTEM ZUR BEHANDLUNG VON ABGASEN EINES VERBRENNUNGSMOTORS EINES FAHRZEUGS UNTER VERWENDUNG DER FLÜSSIGEN HARNSTOFFLÖSUNG

Title (fr)

ENSEMBLE DE POCHE POUR CONTENIR UNE SOLUTION D'URÉE LIQUIDE DESTINÉ À ÊTRE UTILISÉ DANS UN SYSTÈME DE RÉDUCTION CATALYTIQUE SÉLECTIVE POUR TRAITER LES GAZ D'ÉCHAPPEMENT D'UN MOTEUR À COMBUSTION INTERNE D'UN VÉHICULE ET SYSTÈME DE TRAITEMENT DES GAZ D'ÉCHAPPEMENT D'UN MOTEUR À COMBUSTION INTERNE D'UN VÉHICULE À L'AIDE DE LA SOLUTION D'URÉE LIQUIDE

Publication

EP 3202685 A1 20170809 (EN)

Application

EP 16154336 A 20160204

Priority

EP 16154336 A 20160204

Abstract (en)

The application relates to a pouch assembly (100) for containing a liquid that is an aqueous urea solution for use in a selective catalytic reduction system for treating the exhaust gases of an internal combustion engine of a vehicle and for transferring the liquid to a liquid urea solution tank of the vehicle from the outside of the liquid urea solution tank, the pouch assembly (100) comprising a flexible pouch (1) and a spout (2) attached thereto having a base (21) extending axially through an opening (111) provided in a wall of the pouch (1) and being attached to the opening (111), a top end (22) being configured for insertion in the inside passage of the filling neck (3) of the liquid urea solution vehicle tank during the filling of the liquid urea solution tank, and a body (23) that extends between the base (21) and the top end (22) of the spout (2), the body (23) having an elongated shape, and the body (23) at least partially extending in the inside passage of the filling neck (3) of the liquid urea solution tank during the filling of the liquid urea solution tank, the base (21), the top end (22) and the body (23) having an elongated axial through-passage (211) to serve as a discharge passage for the liquid urea solution. The application relates furthermore to a system comprising such a pouch assembly (100) and a liquid urea solution tank having a filling neck (3) allowing insertion of the spout (2) for filling the liquid urea solution tank.

IPC 8 full level

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CPC (source: EP)

B65D 75/5883 (2013.01); **B65D 2575/586** (2013.01)

Citation (search report)

- [XAI] EP 2399841 A1 20111228 - TOYO SEIKAN KAISHA LTD [JP]
- [A] DE 102014225119 A1 20160107 - HYUNDAI MOTOR CO LTD [KR], et al
- [A] JP H11263355 A 19990928 - FUJIMORI KOGYO CO
- [A] JP H11105895 A 19990420 - KEIHAN CELLOPHANE KK
- [A] WO 0123264 A1 20010405 - FUJI SEAL INC [JP], et al
- [A] JP H10338237 A 19981222 - HAGIWARA TADASHI

Designated contracting state (EPC)

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Designated extension state (EPC)

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