

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 POCHE CONTENANT 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 3299313 A1 20180328 (EN)

Application

EP 16190446 A 20160923

Priority

EP 16190446 A 20160923

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

B65D 75/58 (2006.01)

CPC (source: EP)

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Citation (search report)

- [I] JP 5778178 B2 20150916
- [A] DE 202015001683 U1 20150610 - STENGEL ROLAND STELIOPLAST [DE]
- [A] EP 0132484 A2 19850213 - MAZZESCHI ADRIANO

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