Title (en)

COUPLING APPARATUS AND CORRUGATED HOSE ARRANGEMENT

Title (de)

KUPPLUNGSVORRICHTUNG UND WELLSCHLAUCHANORDNUNG

Title (fr)

SYSTÈME D'ACCOUPLEMENT ET ARRANGEMENT DE TUYAU ONDULÉ

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Application

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Abstract (en)

[origin: WO2020043488A1] The invention relates to a coupling apparatus (7) for a corrugated hose (2), having: a receiving part (8) for receiving an end portion (6) of the corrugated hose (2); a locking part (23) mounted for rotation on the receiving part (8) for locking the corrugated hose (2) in the receiving part (8), the locking part (23) having an engagement element (29-31) that can be deformed in a spring-elastic manner for form-fit engagement in a corrugation (3) of the corrugated hose (2), and the engagement element (29-31), with the aid of inserting the end portion (6) into the receiving part (8), being deformable in a spring-elastic manner such that the engagement element latches into the corrugation (3) in a form-fitting manner; and a transmission device (36) which converts a rotational movement of the locking part (23) with respect to the receiving part (8) into a radial movement of the engagement element (29-31) away from the end portion (6) in order to bring the engagement element (29-31) out of form-fit engagement with the corrugation (3) so that the end portion (6) can be pulled out of the receiving part (8).

IPC 8 full level

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