

Title (en)

FLEXIBLE HOSE, IN PARTICULAR VACUUM CLEANER HOSE

Title (de)

FLEXIBLER SCHLAUCH, INSBESONDERE STAUBSAUGERSCHLAUCH

Title (fr)

TUYAU FLEXIBLE, EN PARTICULIER TUYAU D'ASPIRATEUR

Publication

EP 4329575 A1 20240306 (DE)

Application

EP 22725502 A 20220426

Priority

- DE 102021002202 A 20210427
- EP 2022061103 W 20220426

Abstract (en)

[origin: WO2022229219A1] A flexible hose (10), in particular a vacuum cleaner hose, has a wavyly profiled inner hose (12), which is surrounded by a substantially smooth sheathing (14) and is provided with a hollow connection piece (18) at at least one end (16). The inner hose with the sheathing extends into the connection piece, the sheathing being fastened to the inner hose there by means of a sheath securing means (20). Also attached to the inner hose is a retaining sleeve (24), which forms a first stop face (28) for the connection piece and has a second stop face (30) for a connection-piece securing means (32) which is fastened to the connection piece in order to fix the latter in a tension- and compression-resistant manner with regard to the inner hose via the retaining sleeve. In particular to simplify the assembly and improve the ease of repair, the sheathing terminates substantially flush with the end of the inner hose in the connection piece or protrudes only slightly therefrom. In addition, both the sheathing is attached form-fittingly to the outer circumference of the inner hose by means of the sheath securing means and the retaining sleeve is attached form-fittingly to the inner circumference of the inner hose.

IPC 8 full level

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CPC (source: EP)

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