

Title (en)
HOSE CONNECTION PART

Title (de)
SCHLAUCHVERBINDUNGSTEIL

Title (fr)
PARTIE DE RACCORDEMENT DE TUYAU

Publication
EP 1203182 A1 20020508 (EN)

Application
EP 99902032 A 19990615

Priority
TR 9900028 W 19990615

Abstract (en)
[origin: WO0077440A1] The connection part formed to connect two or more flexible hoses (5), is made of rigid plastic material containing glass fibre reinforcement. At least three ribs (1 and 2) with rounded tips and having a circular structure to encircle the siphons are arranged on each siphon. In order to avoid a turbulence and a decrease in the flowrate of the fluid that may occur due to the friction between the fluid and the connection part, and further to avoid a penetration of the fluid to a zone between the connection part and the hose ends, the inner section of the connection part end (6) is inclined upwards at an angle greater than 45 DEG . No gaps nor barriers that may hinder the passage of the fluid are left between the connection part and the hose (5) due to the said inclined structure. By applying the injection pressure above 130 bars, a secure fixation of the flexible hose (5) ends to the connection part, is obtained.

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IPC 8 full level
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Citation (search report)
See references of WO 0077440A1

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