

Title (en)

TUBE SYSTEM FOR SUPPLYING A FLUID, PREFERABLY FOR SUBSOIL IRRIGATION

Title (de)

SCHLAUCHSYSTEM ZUM AUSBRINGEN EINES FLUIDS, VORZUGSWEISE ZUR UNTERBODENBEWÄSSERUNG

Title (fr)

SYSTEME DE TUYAUX SERVANT A FOURNIR UN FLUIDE, DE PREFERENCE A DES FINS D'IRRIGATION SOUTERRAINE

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Application

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Abstract (en)

[origin: WO2006061132A1] The invention relates to a tube system for supplying a fluid, preferably for subsoil irrigation. Said tube system consists of an inner tube (2) which supplies the fluid and is arranged inside an outer tube (1') at a distance therefrom. A buffer volume is formed between the inner tube (2) and the outer tube (1), said buffer volume being sub-divided into provision chambers (8) by constrictions (7) of the outer tube (1'). The fluid (3) supplied by means of the inner tube (2) enters the chambers (8) by means of portioning holes (4). The outer tube (1') preferably consists of a porous material. In order to fill the buffer volume (5) with a fluid, the cross-section of the openings of the outer tube (1) is essentially smaller than the cross-section of the portioning holes (4) of the inner tube (2). To this end, the inner tube (2) consists of a fluid-impermeable material, and the outer tube consists of a porous or perforated material.

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