

Title (en)

EXTERNAL EMITTER FOR DRIP IRRIGATION HOSE

Title (de)

DIFFUSOR FÜR TROPFBEWÄSSERUNGSSCHLAUCH

Title (fr)

DIFFUSEUR EXTERNE POUR TUYAU SOUPLE D'ARROSAGE AU GOUTTE-A-GOUTTE

Publication

**EP 1003610 A2 20000531 (EN)**

Application

**EP 98940986 A 19980818**

Priority

- US 9817146 W 19980818
- US 5599297 P 19970818

Abstract (en)

[origin: WO9908797A2] A drip irrigation hose comprises a tubular body enclosing a water supply passage. An external emitter is attached to the outside of the tubular body. The emitter comprises a front wall, a back wall, a side wall and a top wall defining a flow regulating channel. The emitter further comprises an outlet in at least one of the walls. The hose further comprises an inlet to the emitter. The inlet is in fluid communication with the water supply passage in the hose and the flow regulating channel in the emitter. Water flows through the water supply passage, through the inlet into the emitter, through the flow regulating channel, and out the outlet. The emitter can further comprise a purging bulb to provide a simple and efficient way for the farmer to unclog the emitter.

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**B05B 1/00**

IPC 8 full level

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**US 9817146 W 19980818**; AU 8914198 A 19980818; EP 98940986 A 19980818; IL 13458598 A 19980818; ZA 984154 A 19980518