

Title (en)

Collector system for collecting impurities on the surface of a pond

Title (de)

System zum Sammeln von auf einer Wasseroberfläche schwimmenden Verunreinigungen

Title (fr)

Système pour collecter des impuretés flottant sur une surface d'eau

Publication

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Application

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Abstract (en)

A collector system for removing impurities from the surface of a pond, which impurities are found both on and underneath the water surface of the pond. For this purpose, the collector system comprises a base plate (1) floating on the water surface, and preferably closed, box-like panels (5, 7) installed transversely to this base plate and connected to it, the box-like panels having a converging and possibly curved shape relative to each other and each being connectable to a water supply pipe (27). This system comprises a plurality of squirting pipes (13, 15) through which sloping water curtains (arrows 17, 19) can be squirted onto the water surface. The squirting pipes (13, 15) are coupled to the discharge of a pond pump (31) via the panels (5, 7) and a pipe system (26, 27, 29). The impurities moved along by the water curtains are collected in a net (21) attached to the collector system and the water is fed back to the pond. <IMAGE>

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CPC (source: EP)

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Cited by

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