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Abstract

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FIXED-BED BIOREACTOR AND CARRIER BODY FOR PURIFYING FLUIDS

10 A fixed-bed bioreactor with porous carrier bodies (14)
for microorganisms. The carrier bodies are sheet-like
structures with a small thickness in comparison with
the carrier body surface. The carrier bodies are kept
spaced apart by means of spacing bars (28), defining
flow paths (36) between the carrier bodies. In a pro-
cess for producing porous carrier bodies for micro-
organisms, plastics particles (70) are introduced into
15 a moulding space (52) and bonded together therein by
application of heat. With this process, an endless
extrudate (46) of carrier body material may be pro-
duced, from which the individual carrier bodies may be
cut off. Alternatively, the process may be carried out
20 by means of a series of pairs of mould halves passing
through a mould filling station and a heat supply
station.

(Fig. 8)

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