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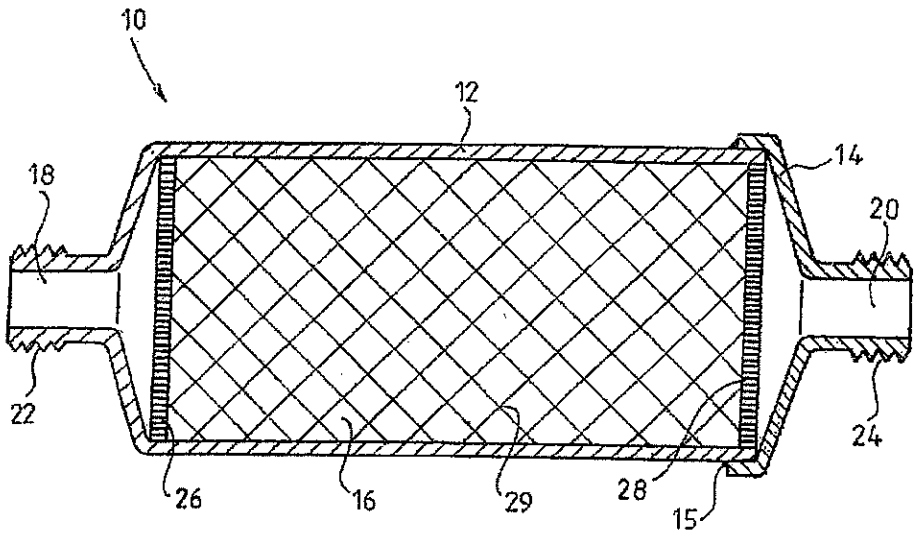
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(54) Title: A CARTRIDGE REACTOR FOR A FLOW-TYPE LABORATORY HYDROGENATION APPARATUS



(57) Abstract: The invention relates to a cartridge reactor (10) for a flow-type hydrogenation apparatus. The cartridge reactor (10) has a casing equipped with an inlet (18), an outlet (20) and a closed expanded portion enclosing a reaction volume (16) spreading between the inlet (18) and the outlet (20). The cartridge reactor (10) according to the invention is prepared in a laboratory size and its reaction volume (16) is at most 10 cm^3 in size. The reaction volume (16) is filled with an immobilized packing medium (29) that increases flow resistance and facilitates mixing. The inlet (18) and the outlet (20) of the cartridge reactor (10) are formed with a structure enabling a detachable connection to the hydrogenation apparatus.

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