

ABSTRACT

METHOD FOR THE PRODUCTION OF POROUS CARBON-BASED MOULDED
BODIES, AND USE THEREOF AS CELL CULTURE CARRIER SYSTEMS AND
5 CULTURE SYSTEMS

The invention relates to methods for the production of carbon-based moulded bodies,
especially a method for producing porous carbon-based moulded bodies by carbonizing
organic polymer materials that are mixed with non-polymeric fillers and then detaching
10 the fillers from the carbonized moulded body. In an alternative embodiment, the
invention relates to a method for producing porous carbon-based moulded bodies by
carbonizing organic polymer materials comprising polymeric fillers which are
decomposed substantially in full during carbonization. Also disclosed is a method for
producing porous carbon-based moulded bodies by carbonizing organic polymer
15 materials, the carbon-based moulded body being partially oxidized following
carbonization so as to create pores. The invention finally relates to porous moulded
bodies produced according to one of said methods and the use thereof, particularly as
cell culture carrier systems and/or culture systems.

20 No figure



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