

ABSTRACT

High-throughput production methods for manufacturing porous masses suitable for use in conjunction with smoking devices may include continuously combining a matrix material and a paper wrapper to form a desired cross-sectional shape
6 where the matrix material is confined by the paper wrapper, the matrix material comprising a binder particle and an active particle; heating at least a portion of the matrix material so as to bind the matrix material at a plurality of contact points, thereby forming a porous mass length, wherein heating involves irradiating with microwave radiation at least a portion of the matrix material; cooling the porous mass length; and cutting the porous mass length radially
12 thereby producing a porous mass.