

ABSTRACT OF THE DISCLOSURE

A production method and a production apparatus for a magnetic recording medium, which enable the efficient
5 production of a discrete type magnetic recording medium, while reliably preventing any deterioration of the partitioned recording elements. The magnetic recording medium production apparatus 40 includes: recording layer processing device 42, which by forming a plurality of grooves, with a minute spacing
10 therebetween in a planar direction, in an intermediate 10 of a magnetic recording medium comprising a continuous recording layer, partitions the continuous recording layer into a plurality of partitioned recording elements; non-magnetic body filling device 48 for filling the grooves between the
15 partitioned recording elements with a non-magnetic body; smoothing device 50 for smoothing the surface of the partitioned recording elements and the non-magnetic body; protective layer formation device 52 for forming a protective layer on the partitioned recording elements and the non-
20 magnetic body; and vacuum retention device 56 which houses the recording layer processing device 42, the non-magnetic body filling device 48, the smoothing device, and the protective layer formation device 52, and maintains the environment surrounding the intermediate 10 in a state of vacuum.