

**PASTY, BIOCOMPATIBLE MATERIAL FOR USE IN A METHOD FOR
SUPPORTING BONE REGENERATION, THE COMPOSITION THEREOF, AND
MOULDED PART FORMED FROM THE PASTY MATERIAL**

ABSTRACT

5 The invention relates to a pasty, biocompatible material for use in a method for
supporting bone regeneration in a planar lesion not determined by surrounding bone material,
on a bone base or in or on a bone, in particular in a jaw bone, wherein the pasty biocompatible
material is designed, after filling in the planar lesions not determined by surrounding bone
material, to cure and to form a dimensionally stable molded part, wherein the material consists
10 of or comprises between 50 wt. % and 70 wt. %, preferably 65 wt. %, of a calcium-containing
base material, between 15 wt.% and 40 wt.%, preferably 20 wt.%, mineral trioxide aggregate
(MTA) and between 15 wt. % and 25 wt. % of at least one antibiotic, between 0.1 wt. % and
1.0 wt. % of a liquid, preferably demineralized water or sodium chloride solution (NaCl), and
the base material is completely resorbed once regeneration of bone material and/or bone
15 augmentation is complete.

Figure 1