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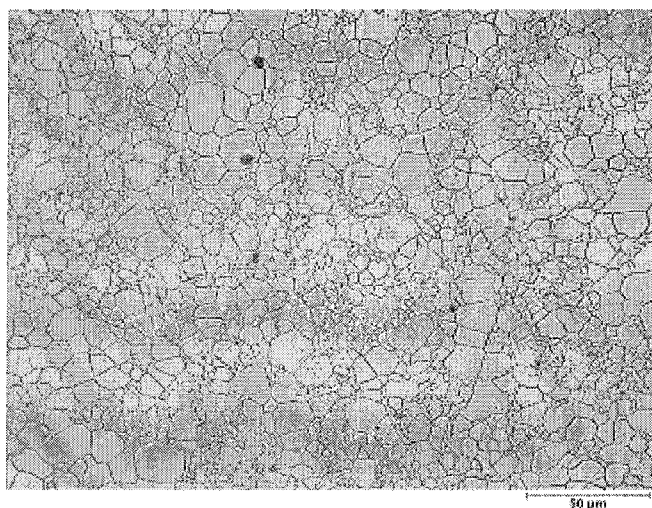
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- as to the applicant's entitlement to claim the priority of
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[Continued on next page]

(54) Title: IMPLANT MADE OF A BIODEGRADABLE MAGNESIUM ALLOY



(57) Abstract: The present invention relates to im-
plants made of a biodegradable magnesium alloy.
The inventive implant is made in total or in parts of
a biodegradable magnesium alloy comprising: Y: 0 -
10.0% by weight Nd: 0 - 4.5% by weight Gd: 0
9.0% by weight Dy: 0 8.0% by weight Ho: 0 19.0%
by weight Er: 0 23.0% by weight Lu: 0 25.0% by
weight Tm: 0 21.0% by weight Tb: 0 21.0% by
weight Zr: 0.1 1.5% by weight Ca: 0 2.0% by weight
Zn: 0 1.5% by weight In: 0 12.0% by weight Sc: 0
15.0% by weight incidental impurities up to a total
of 0.3% by weight the balance being magnesium and
under the condition that a) a total content of Ho, Er,
Lu, Tb and Tm is more than 5.5% by weight; b) a
total content of Y, Nd and Gd is more than 2% by
weight; and c) a total content of all alloy compounds
except magnesium is more than 8.5% by weight.

FIG. 5

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