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STÖPPELMANN(10) **Pub. No.: US 2017/0137609 A1**(43) **Pub. Date: May 18, 2017**(54) **POLYKETONE MOULDING COMPOUNDS
WITH IMPROVED PROPERTIES, MOULDED
ARTICLES PRODUCED THEREFROM AND
ALSO METHOD FOR THE PRODUCTION
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(57)

ABSTRACT

The present invention relates to polyketone moulding compounds based on partially crystalline, aliphatic polyketones. In particular, it relates to fibre-reinforced moulding compounds based on aliphatic polyketones which preferably comprise small quantities of phosphinic acid or the salts thereof. The moulding compounds are distinguished by improved mechanical properties and good processability in injection moulding. These moulding compounds are suitable for the production of in particular thin-walled moulded articles for the electrical and electronics industry, such as for example housings, housing components or connectors.