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- (71) **Applicant:** BASELL POLYOLEFINE GMBH [DE/DE];
Brühler Straße 60, 50389 Wesseling (DE).
- (72) **Inventors:** MIHAN, Shahram; Schillerstraße 25, 65812
Bad Soden (DE). MEIER, Gerhardus; Eichendorffstraße
3, 60320 Frankfurt (DE). SCHUELLER, Ulf; Graefstraße
80, 60486 Frankfurt/M (DE). SCHIENDORFER, Mi-
chael; Hildegard-von-Bingen-Weg 2, 60439 Frankfurt
(DE). WIESECKE, Jens; Bleichstrasse 5, 64673 Zwin-
genberg (DE).
- (74) **Agent:** SEELERT, Stefan; Industriepark Hoechst, C657,
65926 Frankfurt (DE).

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(54) **Title:** POLYMERIZATION PROCESS IN THE PRESENCE OF AN ANTISTATICALLY ACTING COMPOSITION

(57) **Abstract:** A process for the preparation of polyolefins by polymerizing olefins at temperatures of from 20 to 200°C and pressures of from 0.1 to 20 MPa in the presence of a polymerization catalyst and an antistatically acting composition in a polymerization reactor, wherein the antistatically acting composition is a mixture comprising an oil-soluble surfactant and water and the use of an antistatically acting composition comprising an oil-soluble surfactant and water as antistatic agent for the polymerization of olefins at temperatures of from 20 to 200°C and pressures of from 0.1 to 20 MPa in the presence of a polymerization catalyst.



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