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- (71) Applicant (for all designated States except US): **MERCK & CIE** [CH/CH]; Im Laternenacker 5, CH-8200 Schaffhausen (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SCHIBLI, Roger** [CH/CH]; Schartenrainstrasse 42, CH-5400 Baden (CH). **MOSER, Rudolf** [CH/CH]; Lahnhalde 11, CH-8200 Schaffhausen (CH). **MÜLLER, Cristina Magdalena** [CH/CH]; Haldenstrasse 24, CH-5415 Nussbaumen (CH). **AMETAMEY, Simon Mensah** [CH/CH]; Uetlibergstrasse 308, CH-8045 Zürich (CH). **FISCHER, Cindy Ramona** [DE/CH]; Anton Higi Strasse 2, CH-8046 Zürich (CH). **GROEHN, Viola** [DE/CH]; Bahnhofstrasse 2, CH-8447 Dachsen (CH).
- (74) Agent: **CARREIRA-STAUBLI, Andrea**; Rentsch & Partner AG, Fraumünsterstrasse 9, Postfach 2441, CH-8022 Zürich (CH).
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(54) Title: 18F-SACCHARIDE-FOLATES

(57) Abstract: The present invention is directed towards new ¹⁸F-folate radiopharmaceuticals, wherein the ¹⁸Fisotope is linked via a prosthetic group, more specifically via a prosthetic group having a saccharide group, such as acyclic mono-or oligosaccharide, preferably based on a pyranoside or furanoside, which is covalently linked to the glutamate portion of a folateor derivative thereof, a method of their preparation, as well as their use in diagnosis and monitoring of cancer and inflammatory and autoimmune diseases and therapy thereof.

