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(71) Applicant (for all designated States except US): **EXXON-MOBIL UPSTREAM RESEARCH COMPANY** [US/US]; CORP-URC-SW359, P.O. Box 2189, Houston, TX 77252-2189 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ANGELES BOZA, Renzo, M.** [PE/US]; 506 W. 23rd St., Houston, TX 77008 (US). **MOFFETT, Tracy, J.** [US/US]; 1615 Forest Trace

Dr., Sugar Land, TX 77479 (US). **ENTCHEV, Pavlin, B.** [US/US]; 2611 Westgate St., Houston, TX 77098 (US). **YEH, Charles, S.** [US/US]; 9511 Merlins Oaks Court, Spring, TX 77379 (US).

(74) Agents: **JAMES, Rick, F.** et al.; Exxonmobil Upstream Research Company, CORP-URC-SW359, P.O. Box 2189, Houston, TX 77252-2189 (US).

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(54) Title: COMMUNICATIONS MODULE FOR ALTERNATE PATH GRAVEL PACKING, AND METHOD FOR COMPLETING A WELLBORE

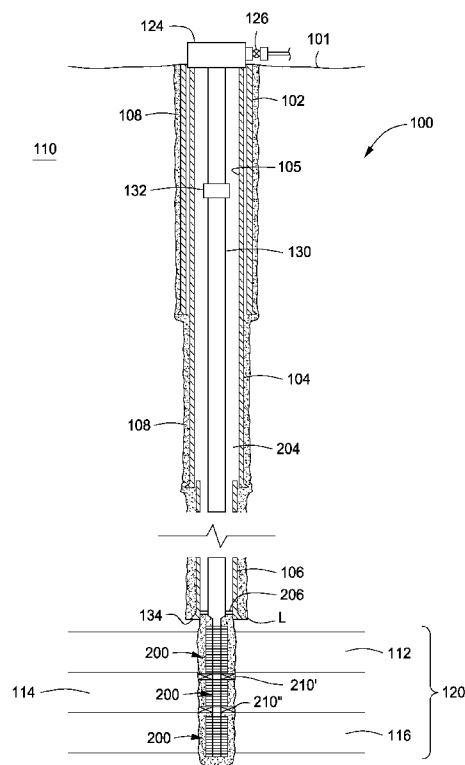


FIG. 1

(57) Abstract: A communications module and methods for downhole operations having utility with production of hydrocarbon fluids from a wellbore, including at least one alternate flow channel and an electrical circuit. Generally, the electrical circuit is pre-programmed to (i) receive a signal and, in response to the received signal, deliver an actuating command signal. The communications module further has a transmitter-receiver. The communications module allows a downhole tool to be actuated within a completion interval of a wellbore without providing an electric line or a working string from the surface. The tool may be actuated in response to a reading from a sensing tool, or in response to a signal emitted in the wellbore by a downhole carrier, or information tag.



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