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ELSHAFIE et al. (43) **Pub. Date: Nov. 3, 2022**(54) **SIGNALING FOR ENERGY HARVESTING****Publication Classification**(71) Applicant: **QUALCOMM Incorporated**, San Diego, CA (US)(51) **Int. Cl.**
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H02J 50/80 (2006.01)(72) Inventors: **Ahmed ELSHAFIE**, San Diego, CA (US); **Alexandros MANOLAKOS**, Escondido, CA (US); **Sony AKKARAKARAN**, Poway, CA (US); **Seyedkianoush HOSSEINI**, San Diego, CA (US)(52) **U.S. Cl.**
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Wireless communications systems and methods related to energy harvesting services are provided. A first wireless communication device transmitting, to a second wireless communication device, at least one of an energy request or an energy level indication. The first wireless communication device receives, from the second wireless communication device in response to the at least one of the energy request or the energy level indication, an indication of one or more resources for receiving a radio frequency (RF) energy harvesting signal. The first wireless communication device receives, from the second wireless communication device in the one or more resources, the RF energy harvesting signal. The first wireless communication device converts the RF energy harvesting signal to energy.

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