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(19) **United States**(12) **Patent Application Publication**
Obata et al.(10) **Pub. No.: US 2024/0213821 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **CONSTRUCTION MACHINE SYSTEM****Publication Classification**(71) Applicant: **JDC Corporation**, Tokyo (JP)(51) **Int. Cl.****H02J 50/90** (2006.01)**B02C 23/00** (2006.01)**H02J 50/10** (2006.01)**H02J 50/40** (2006.01)(72) Inventors: **Hiroshi Obata**, Tokyo (JP); **Masakazu Sekiguchi**, Tokyo (JP); **Hidetoshi Morimoto**, Tokyo (JP); **Tsukasa Baba**, Tokyo (JP)(52) **U.S. Cl.**CPC **H02J 50/90** (2016.02); **H02J 50/10** (2016.02); **H02J 50/40** (2016.02); **B02C 23/00** (2013.01)(21) Appl. No.: **18/557,725**(22) PCT Filed: **Jan. 12, 2022**(86) PCT No.: **PCT/JP2022/000727**

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(57)

ABSTRACT

A user-friendly construction machine system with shorter installation work time and wiring work time is provided. The construction machine system includes a rotary crusher unit and a feeding conveyor unit. The feeding conveyor unit is different from the rotary crusher unit. The feeding conveyor unit includes a third power reception device that receives power from the rotary crusher unit by a wireless power supply and a second motor that receives the power from the third power reception device via a wire.

