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Jeyapaul

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(54) **SELECTIVELY UPLOADING APPLICATIONS TO A MOBILE DEVICE BASED ON POWER CONSUMPTION**

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This patent is subject to a terminal disclaimer.

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CPC *H04W 52/0261* (2013.01); *G06F 1/26* (2013.01); *G06F 1/329* (2013.01); *H04W 4/50* (2018.02); *H04W 4/60* (2018.02); *Y02D 70/142* (2018.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

A computer-implemented method, system, and/or computer program product controls downloading of an application to a mobile device based on power consumption of the application. A server identifies a first power consumption level requirement of a first application and a second power consumption level requirement of a second application, a first priority rating of the first application and a second priority rating of the second application, a power descriptor that identifies an amount of power available to a mobile device, and a set of application downloading rules. The set of application downloading rules includes a soft rule, a hard rule, and a medium rule. The server then selectively uploads, to the mobile device, the first application or the second application based on a selected rule.

20 Claims, 4 Drawing Sheets