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## (57) Abstract:

ABSTRACT INTERACTIVE ROBOTIC REHABILITATION SYSTEM WITH GAMIFICATION The present disclosure unveils an Interactive Robotic Rehabilitation System with Gamification 100 which leverages advanced technology for patient rehabilitation. This innovative system is designed to address the challenges associated with traditional rehabilitation methods by seamlessly integrating cutting-edge technology and gamification methods. It comprises of robotic device 102, sensor unit 104, gamification software 106, control system 108, user interface 110, data analytics and feedback module 112 and personalisation algorithms 114. REFRENCE FIGURE 1

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