

ABSTRACT

Various technologies and related techniques are disclosed that provide an application framework for enhanced consumer experience through involvement in a remote physical setup having two or more connected robotic and human service agents. This framework, termed as Internet-of-Robots (IoR) comprises of two subdomains, one each for the consumer subsystem and robot service subsystem. A central consumer and business database is maintained, allowing for better business to consumer communications. An application environment in the consumer subsystem facilitates consumer involvement through dynamic service agent selection and deployment. The robot service subsystem application environment allows for integrating a number of service agents and exposing their functionalities. The technologies and techniques disclosed herein form an efficient business-to-consumer (B2C) strategy where the business is controlled partially or totally through use of robotic and human service agents.

REFERENCES

US7103447, Robot apparatus, and behavior controlling method for robot apparatus.

US9120224, Framework and method for controlling a robotic system using a distributed computer network.

US20080098065, Network robot system and method of communication therein.

US20090281861, Consolidated business service for integrating service oriented architecture services with customer resources.

CN101957927A, Middleware architecture of Internet of things and SOA architecture-based middleware of Internet of things.

CN102291280A, Cloud computing platform and intelligent monitoring and control of things and Control Method Based.