

Social Robots: Emotional Connection and Task Engagements

https://marketpublishers.com/r/S77A3F381E6AEN.html

Date: February 2020

Pages: 65

Price: US\$ 1,975.00 (Single User License)

ID: S77A3F381E6AEN

Abstracts

REPORT INCLUDES:

An overview with a trend analysis of the global market for social robots, which are designed to engage with people and to elicit an emotional connection

Discussion of social robots in the use-cases or categories such as human-like, medical/therapeutic, personal/customer services and toys; ethics and risks associated with using this technology

Analyses of global market trends with data from 2019, estimates for 2020 and projections of compound annual growth rates (CAGRs) through 2025

Review of recent patent grants and accepted applications for patents with respect to design innovations and end uses



Contents

CHAPTER 1 SOCIAL ROBOTS: EMOTIONAL CONNECTION AND TASK ENGAGEMENTS

Background

Definitions

Medical Assist/Therapeutic Social Robots

Public Personal Services Social Robots

Private Personal Services Social Robots

Social Robotic Toys

Human-Like Social Robots

Artificial Intelligence Applied to Emotional Responsiveness

Human-Centric Artificial Intelligence

Facial Recognition

Language Recognition

Challenges in Social Robotic Development

Long-Term Engagement Challenge

Social Challenges

Privacy Challenges

Algorithmic Bias

Digital Rights

Emotional Isolation

Unintended Consequences

Manipulation/Persuasion

Weaponization

Legal

Cyber Attacks and Hacking

Standards

International Organization for Standardization

International Electrotechnical Commission

Joint Technical Committee ISO/IEC JTC

American National Standards Institute

IEEE

Robotic Associations

Advanced Industrial Science and Technology

Association for Computing Machinery

British Computer Society

European Engineering Industries Association: Robotics Sector



International Federation of Robotics

Japan Robot Association

Korea Association of Robot Industry

Robotic Industries Association

Social Robot Publications/Events

International Conference on Autonomous Robot Systems and Competitions

International Journal of Intelligent Robotics and Applications

International Journal of Social Robotics

National Robotics Week

RoboSoft

ScienceDirect

Ubiquitous Robots

Opportunities and Risks

Social Robots Market Drivers

Social Robots Research and Development Trends

Gartner Hype Cycle Evaluation

General Market Drivers

Medical/Therapeutic Social Robots

Public Personal Services Social Robots

Private Personal Services Social Robots

Social Robot Toys

Human-Like Social Robots

Social Robots Market Analysis

Social Robots Market Analysis by Use-Case Category

Social Robots Market Analysis by End User

Social Robots Market Analysis by Region

Patents on Social Robots

Company Profiles

Key Highlights of This Report

Resources

Analyst's Credentials

Related BCC Research Reports



List Of Tables

LIST OF TABLES

- Table 1: Top 12 Social Companion Robots
- Table 2: Global Market for Social Robots, by Use-Case Category, Through 2025
- Table 3: Global Market for Social Robots, by End User, Through 2025
- Table 4: Global Market for Social Robots in Research Organizations, by Use-Case Category, Through 2025
- Table 5: Global Market for Social Robots in Public Services Organizations, by Use-Case Category, Through 2025
- Table 6: Global Market for Social Robots in Corporate Entities, by Use-Case Category, Through 2025
- Table 7: Global Market for Social Robots for Private Individuals, by Use-Case Category, Through 2025
- Table 8: Global Market for Social Robots, by Region, Through 2025
- Table 9: North American Market for Social Robots, by Use-Case Category, Through 2025
- Table 10: European Market for Social Robots, by Use-Case Category, Through 2025
- Table 11: Asia-Pacific Market for Social Robots, by Use-Case Category, Through 2025
- Table 12: Rest of the World Market for Social Robots, by Use-Case Category, Through 2025
- Table 13: North American Market for Social Robots, by End User, Through 2025
- Table 14: European Market for Social Robots, by End User, Through 2025
- Table 15: Asia-Pacific Market for Social Robots, by End User, Through 2025
- Table 16: Rest of the World Market for Social Robots, by End User, Through 2025
- Table 17: U.S. Patents on Social Robots, by Company, 2010-2019
- Table 18: U.S. Patent Applications on Social Robots, by Company, 2007-2019
- Table 19: Profiles of Companies in the Social Robot Marketplace



List Of Figures

LIST OF FIGURES

Figure	1:	Robotic	Categ	ories
--------	----	---------	-------	-------

- Figure 2: Medical Theraputic Robots
- Figure 3: Public Personal Services Robots
- Figure 4: Public Personal Services (Human-Like) Robots
- Figure 5: Private Personal Services Robots
- Figure 6: Personal Services (Human-Like) Robots
- Figure 7: Social Robotic Toys of Sony Corp. and Shape Robotics
- Figure 8: Social Robotic Toys of UBTECH and Shenzhen Dnine Technology Co.
- Figure 9: Human-Like Non-Social Robots
- Figure 10: Human-Like Social Robots
- Figure 11: Sophia, Social Robots
- Figure 12: Profound Response
- Figure 13: Technology vs. Human Capabilities
- Figure 14: SociBot
- Figure 15: Creepy Robots
- Figure 16: Gartner Hype Cycle
- Figure 17: Gartner Hype Cycle for Artificial Intelligence, 2019
- Figure 18: BHR Development
- Figure 19: Robonaut (R2B)
- Figure 20: Global Market for Social Robots, by Use-Case Category, 2019-2025
- Figure 21: Global Market for Social Robots, by End User, 2019-2025
- Figure 22: Global Market for Social Robots, by Region, 2019-2025
- Figure 23: U.S. Patents on Social Robots, by Company, 2010-2019
- Figure 24: U.S. Patent Applications on Social Robots, by Company, 2007-2019
- Figure 25: Patents on Analysis for Social Robots, by Year, 2007-2019



I would like to order

Product name: Social Robots: Emotional Connection and Task Engagements

Product link: https://marketpublishers.com/r/S77A3F381E6AEN.html

Price: US\$ 1,975.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/S77A3F381E6AEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

**All fields are required
Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970