

Title (en)  
INTELLIGENT PERSONAL ASSISTANTS

Title (de)  
INTELLIGENTE PERSÖNLICHE ASSISTENZEN

Title (fr)  
ASSISTANTS NUMERIQUES INTELLIGENTS

Publication  
**EP 1490864 A4 20060315 (EN)**

Application  
**EP 03743263 A 20030226**

Priority  
• US 0306218 W 20030226  
• US 35934802 P 20020226  
• US 13467902 A 20020430  
• US 15821302 A 20020531  
• US 18411302 A 20020628

Abstract (en)  
[origin: WO03073417A2] An intelligent social agent is an animated computer interface agent with social intelligence that has been developed for a given application or type of applications and a particular user population (Figure 4b). The social intelligence of the agent comes from the ability of the agent to be appealing, affective, adaptive, and an appropriate when interacting with the user. An intelligent personal assistant is an implementation of an intelligent social agent that assists a user in operating a computing device and using application programs on a computing device.

IPC 1-7  
**G10L 21/00**; **G06F 9/44**

IPC 8 full level  
**G06F 9/44** (2006.01); **G06F 40/00** (2020.01); **G06N 3/00** (2006.01); **G10L 21/00** (2006.01)

CPC (source: EP)  
**G06F 9/453** (2018.01); **G06N 3/004** (2013.01)

Citation (search report)  
• [XY] WO 9803907 A2 19980129 - MICROSOFT CORP [US]  
• [YX] MULLER W ET AL: "Face-to-face with your assistant. Realization issues of animated user interface agents for home appliances", COMPUTERS AND GRAPHICS, PERGAMON PRESS LTD. OXFORD, GB, vol. 25, no. 4, August 2001 (2001-08-01), pages 593 - 600, XP004296036, ISSN: 0097-8493  
• [A] TAUBES G: "Transparent Computing", IBM THINK RESEARCH, no. 1, 2000, pages 1 - 8, XP002362725, Retrieved from the Internet <URL:http://domino.research.ibm.com/comm/wwwr\_thinkresearch.nsf/pages/coverstory100.html>  
• [A] EUSTICE K F ET AL: "A universal information appliance", IBM SYSTEMS JOURNAL, IBM CORP. ARMONK, NEW YORK, US, vol. 38, no. 4, 1999, pages 575 - 601, XP002157988, ISSN: 0018-8670  
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• See references of WO 03073417A2

Designated contracting state (EPC)  
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**WO 03073417 A2 20030904**; **WO 03073417 A3 20031204**; AU 2003225620 A1 20030909; CN 100339885 C 20070926; CN 1643575 A 20050720; EP 1490864 A2 20041229; EP 1490864 A4 20060315

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**US 0306218 W 20030226**; AU 2003225620 A 20030226; CN 03807006 A 20030226; EP 03743263 A 20030226