

Title (en)  
AGENT BASED INSTRUCTION SYSTEM AND METHOD

Title (de)  
SYSTEM UND VERFAHREN ZUR AUSBILDUNG MIT HILFSMITTEL

Title (fr)  
SYSTEME ET PROCEDE D'ENSEIGNEMENT ASSISTE PAR AGENT

Publication  
**EP 0902935 A4 20000726 (EN)**

Application  
**EP 97927700 A 19970522**

Priority

- US 9708685 W 19970522
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- US 3710897 P 19970131

Abstract (en)

[origin: WO9744766A1] This invention relates to a system and method for interactive, adaptive, and individualized computer assisted instruction. This invention includes an agent (108) for each student (101) which adapts to its student, and provides individualized guidance to the student and controls to the augmented computer assisted instructional materials. The instructional materials of this invention are augmented to communicate the student's performance and the material's pedagogical characteristics to the agent, and to receive control from the agent. In a preferred embodiment, the agent maintains data reflecting the student's pedagogic or cognitive characteristics in a protected and portable media in the personal control of the student. Preferably, the content of the communication between the agent and the materials conforms to specified interface standards, so that the agent acts independently of the content of the particular materials. Also preferably, the agent can project using various I/O modalities integrated engaging, lifelike display persona(e).

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**G09B 5/12**

IPC 8 full level  
**G06F 17/30** (2006.01); **G06Q 50/00** (2006.01); **G09B 5/06** (2006.01); **G09B 5/12** (2006.01); **G09B 5/14** (2006.01); **G09B 7/04** (2006.01); **G09B 19/06** (2006.01)

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**G09B 5/065** (2013.01); **G09B 5/14** (2013.01); **G09B 7/04** (2013.01); **G09B 19/06** (2013.01)

Citation (search report)

- [X] US 5059127 A 19911022 - LEWIS CHARLES [US], et al
- [X] US 5261823 A 19931116 - KUROKAWA YUJI [JP]
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- See references of WO 9744766A1

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**WO 9744766 A1 19971127**; AU 3209697 A 19971209; AU 725261 B2 20001012; CA 2256591 A1 19971127; EP 0902935 A1 19990324; EP 0902935 A4 20000726; JP 2000511304 A 20000829

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