Automated Facial Action Coding System

Tech ID: 22278 / UC Case 2007-103-0

TECHNOLOGY DESCRIPTION

UCSD inventors have come up with an automated method to recognize expressions as defined by the Facial Action Coding System of Ekman and Friesen. The technique provides more accurate results than the competition, and is especially adapted for recognizing spontaneous expression. The invention is implemented in a working prototype that can currently work at a real-time frame rate of 6 frames per second.

UCSD is currently entertaining an offer for an exclusive license. Should anyone wish to propose their own business plan that requires non-exclusive use of the technology, please send this to invent@ucsd.edu before March 15, 2012.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,530,048	12/27/2016	2007-103
United States Of America	Issued Patent	8,798,374	08/05/2014	2007-103

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OTHER INFORMATION

KEYWORDS

security, recognition

CATEGORIZED AS

- **Computer**
  - Software
- **Security and Defense**
  - Screening/Imaging

RELATED CASES

2007-103-0

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