Patent Title:	**Method and apparatus for tracking a number of objects or object parts in image sequences**
FBK Center:	CIT
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Application number(s):	EP Application No. 06116896.9 — priority date 2006-07-10; US Patent Application No. 11/773,483 — filing date 2007-07-05
Bibliographic data:	EP1879149 (A1) — 2008-01-16; EP1879149 (B1) — 2016-03-16; US20080031492 (A1) — 2008-02-07; US7965867 (B2) — 2011-06-21
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IP Status:	Patent granted. Available for license or patent assignment
Patent Family:	EP1879149 (B1) — 2016-03-16; US7965867 (B2) — 2011-06-21
Application(s):	Video surveillance, Video Tracking
Keyword(s):	Visual tracking, Multiple moving targets
Abstract:	The present invention provides for a method for tracking a number of objects or object parts in image sequences, comprising following a Bayesian-like approach to object tracking, computing, at each time a new image is available, a probability distribution over all possible target configurations for that time, said Bayesian-like approach to object tracking comprising the following steps: - Prediction step: a probability distribution is computed for the previous image, at time (t-1), is propagated to the new image at time (t) according to a probabilistic model of target dynamics, obtaining a predicted distribution at time (t) ; - Update step: the predicted distribution at time (t) is then aligned with the evidence contained in the new image at time (t) according to a probabilistic model of visual likelihood.

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