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(54) **METHOD FOR GENERATING APPLICATION SPECIFIC INPUT FILES**

(75) **Inventors:** Peter Frölich, Mannheim (DE);  
Manfred Schoelzke, Mannheim (DE);  
Ming Lu, Sharon, MA (US)

(73) **Assignee:** ABB Inc., Norwalk, CT (US)

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*Primary Examiner*—Luke S. Wassum

*Assistant Examiner*—Kuen S. Lu

(74) *Attorney, Agent, or Firm*—Michael M. Rickin, Esq.; Paul R. Katterle, Esq.

(57) **ABSTRACT**

A method for generating application-specific input files for applications that require input files in varying file formats, where data for specifying industrial equipment are stored in a database of a computer system as XML-formatted files, which are based on a class model, and a modular transformation into at least one application-specific input file takes place. One or more of the XML files are loaded into a memory, decoded, interpreted and verified—particularly with regard to semantics and consistency. In the absence of an error specifications of objects of the industrial equipment are generated in XML format based on the verified XML files by using an interface containing descriptions of the functionality of the respective applications. The at least one application-specific file is generated via canonical transformation from the generated object specifications in XML presentation.

**15 Claims, 3 Drawing Sheets**

