

Title (en)  
VIRTUAL ROBOT

Title (de)  
VIRTUELLER ROBOTER

Title (fr)  
ROBOT VIRTUEL

Publication  
**EP 0954772 A1 19991110 (DE)**

Application  
**EP 98962389 A 19981124**

Priority  
• DE 19751955 A 19971124  
• EP 9807567 W 19981124

Abstract (en)  
[origin: DE19751955A1] A virtual robot for controlling an automatic machine is formed by the interaction of the following software ICs: a "controller" IC for controlling the abstract machine; a "model" IC for describing the abstract world of the real machine to be controlled; a "translator" IC for generating the language of the abstract machine; a "robot" IC for implementing actions of an abstract robot which depend on events of the "controller" IC; and a "swatch" IC for outputting the actual inner state of the real machine on a display unit.

IPC 1-7  
**G05B 19/418**; G06F 17/50; B01J 19/00; G01N 35/00

IPC 8 full level  
**G06F 19/00** (2006.01); **B25J 9/16** (2006.01); **B25J 9/18** (2006.01); **G05B 19/4069** (2006.01)

CPC (source: EP)  
**B25J 9/1605** (2013.01); **G05B 2219/33053** (2013.01); **G05B 2219/39014** (2013.01); **G05B 2219/40131** (2013.01); **G05B 2219/40312** (2013.01)

Citation (search report)  
See references of WO 9927427A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19751955 A1 19990602**; CA 2278582 A1 19990603; EP 0954772 A1 19991110; JP 2002511969 A 20020416; WO 9927427 A1 19990603

DOCDB simple family (application)  
**DE 19751955 A 19971124**; CA 2278582 A 19981124; EP 9807567 W 19981124; EP 98962389 A 19981124; JP 52765999 A 19981124