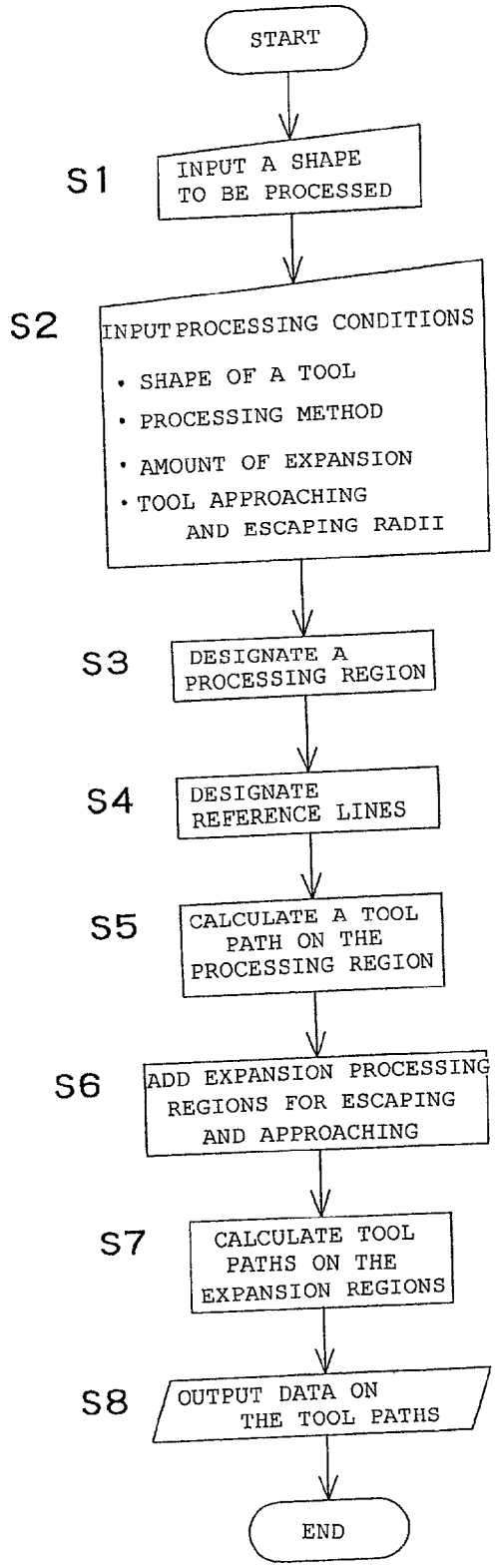
FIG.1


START
S1
INPUT A SHAPE TO BE PROCESSED
S2
INPUT PROCESSING CONDITIONS
• SHAPE OF A TOOL
• PROCESSING METHOD
• AMOUNT OF EXPANSION
• TOOL APPROACHING AND ESCAPING RADII
S3
DESIGNATE A PROCESSING REGION
S4
DESIGNATE REFERENCE LINES
S5
CALCULATE A TOOL PATH ON THE PROCESSING REGION
S6
ADD EXPANSION PROCESSING REGIONS FOR ESCAPING AND APPROACHING
S7
CALCULATE TOOL PATHS ON THE EXPANSION REGIONS
S8
OUTPUT DATA ON THE TOOL PATHS
END