

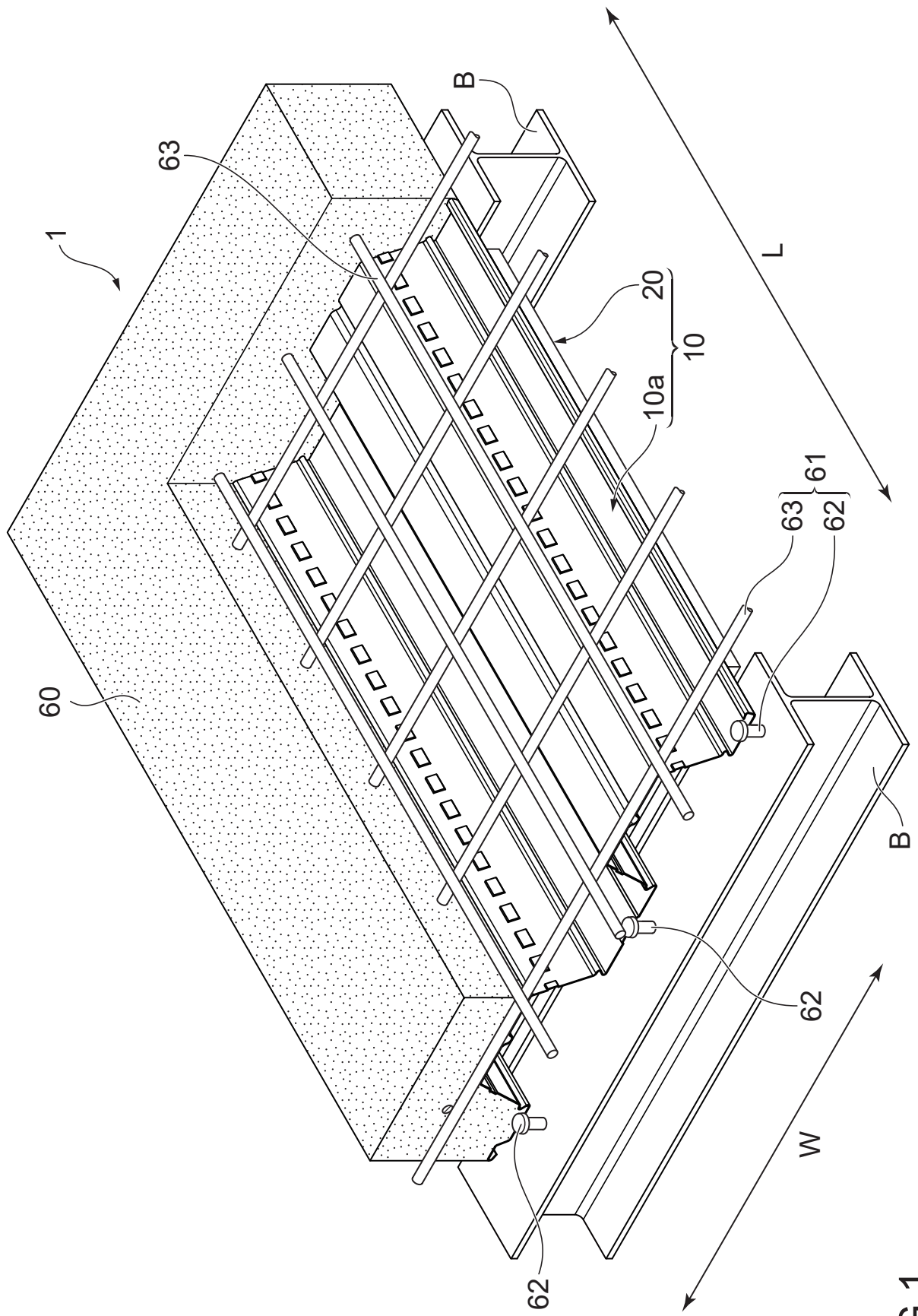


FIG.1

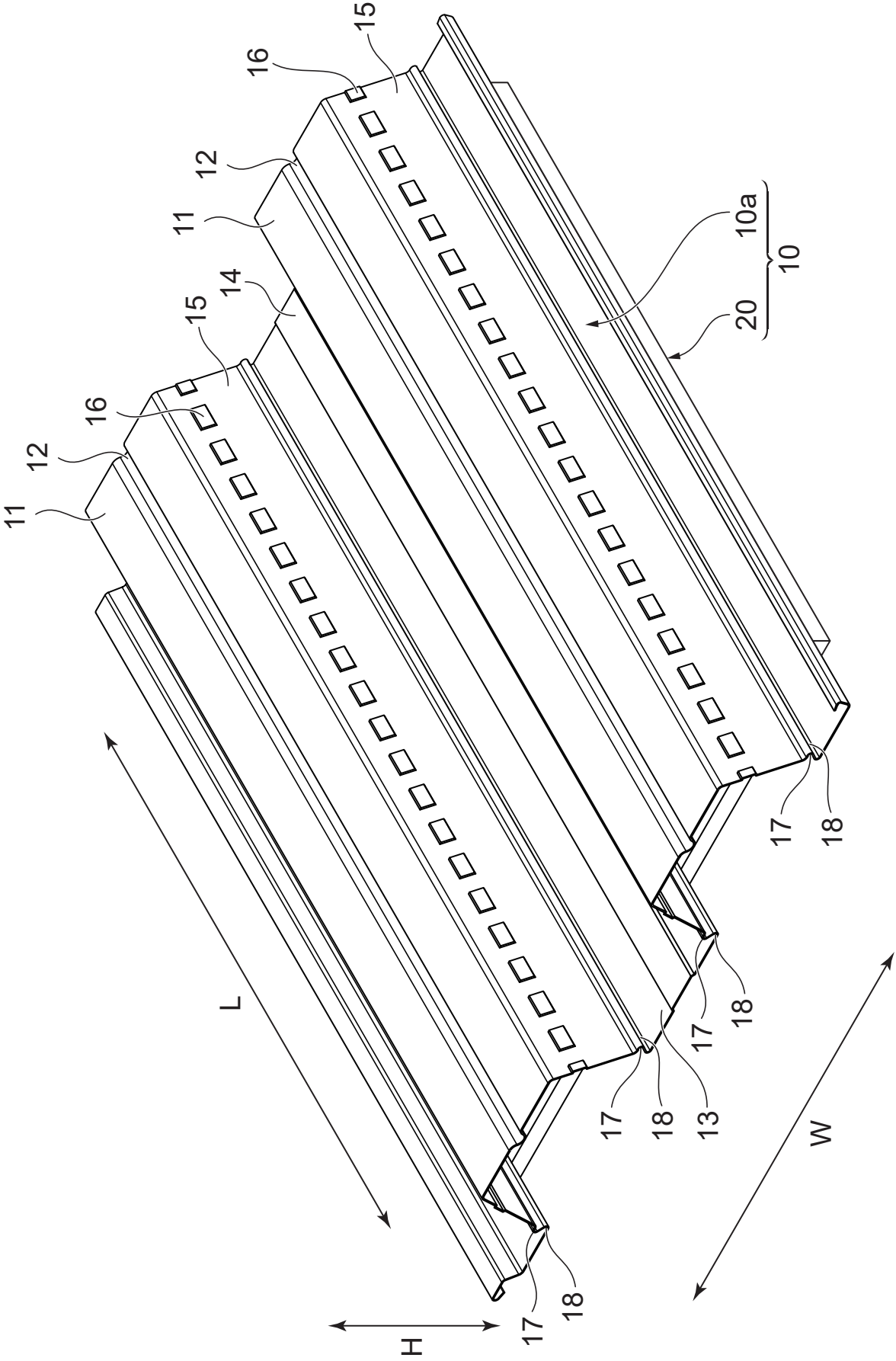


FIG.2

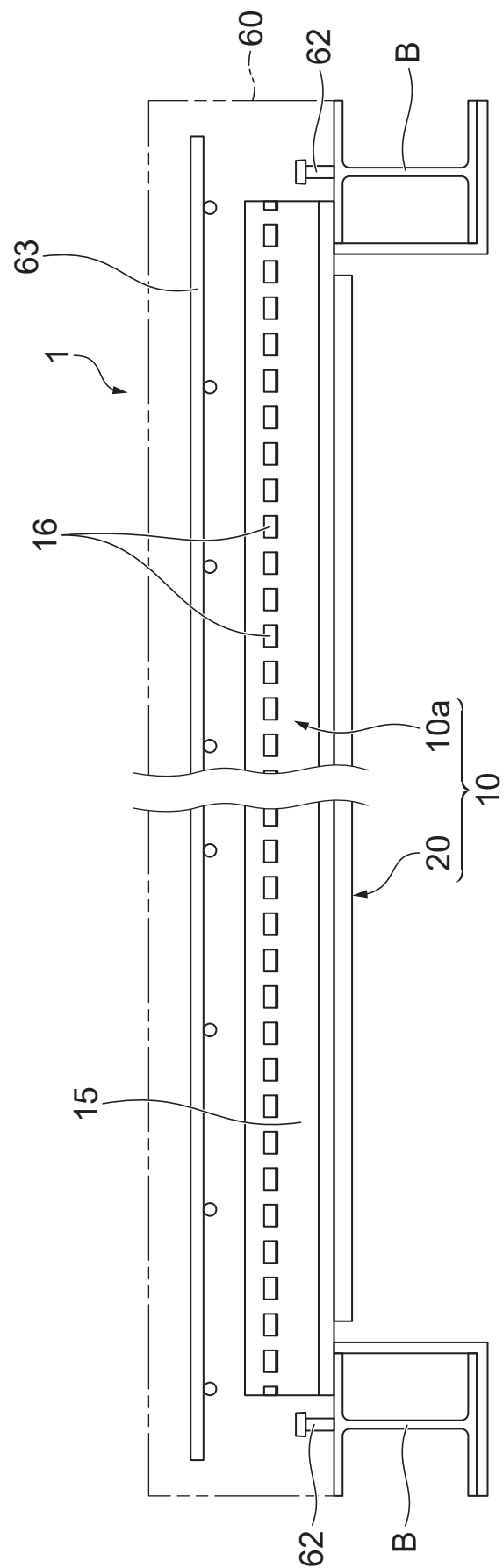


FIG.3

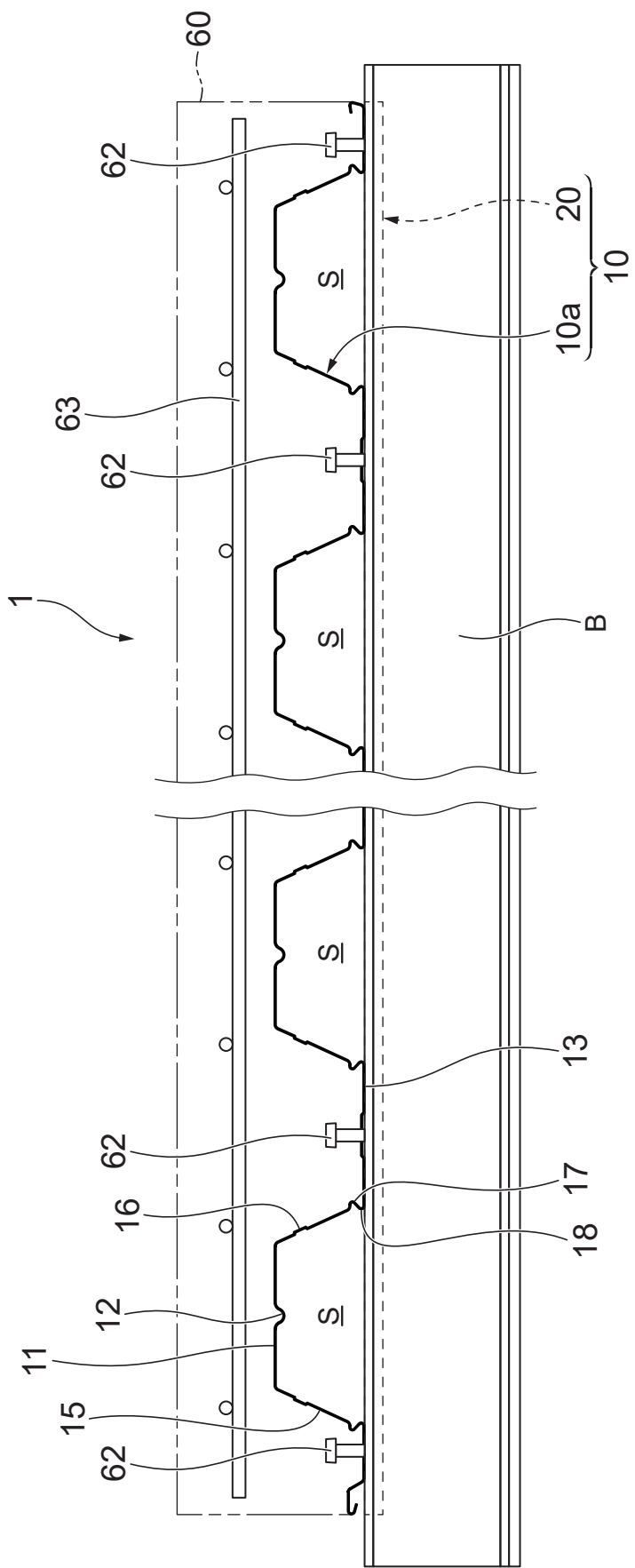


FIG.4

FIRE-RESISTANT TIME(min)	THICKNESS OF WOODEN PART(mm)	CALCULATION FORMULA OF WOODEN PART	REMARKS
30	19.5	30min*0.65mm/min	FIRE-RESISTANT PERFORMANCE IMPROVEMENT OF 30 MINUTES
30~60	19.5~39.0	30~60min*0.65mm/min	FIRE-RESISTANT PERFORMANCE IMPROVEMENT OF 30 TO 60 MINUTES
60~120	39.0~78.0	60~120min*0.65mm/min	FIRE-RESISTANT PERFORMANCE IMPROVEMENT OF 60 TO 120 MINUTES
120~180	78.0~117.0	120~180min*0.65mm/min	FIRE-RESISTANT PERFORMANCE IMPROVEMENT OF 120 TO 180 MINUTES

FIG.5

UNCOVERED RANGE FROM SUPPORT BEAM (mm)	REINFORCEMENT SPECIFICATIONS FOR VICINITY OF SUPPORT BEAM	REMARKS
150mm	NONE	
$(Lx/4)/2$	CRACKING PROPAGATION PREVENTING REINFORCEMENT AND THE LIKE	REINFORCED BETWEEN BEAM VICINITY AND $(Lx/4)/2$
$Lx/4$	STRUCTURAL REINFORCEMENT AGAINST NEGATIVE BENDING AND THE LIKE	REINFORCED BETWEEN BEAM VICINITY AND $Lx/4$

FIG.6

UNCOVERED RANGE FROM SUPPORT BEAM (mm)	REINFORCEMENT SPECIFICATIONS FOR VICINITY OF SUPPORT BEAM	REMARKS
0~150	NONE	
150~500	CRACKING PROPAGATION PREVENTING REINFORCEMENT AND THE LIKE	REINFORCED UP TO 500 mm IN BEAM VICINITY
500~1,000	STRUCTURAL REINFORCEMENT AGAINST NEGATIVE BENDING AND THE LIKE	REINFORCED UP TO 1,000 mm IN BEAM VICINITY

FIG.7

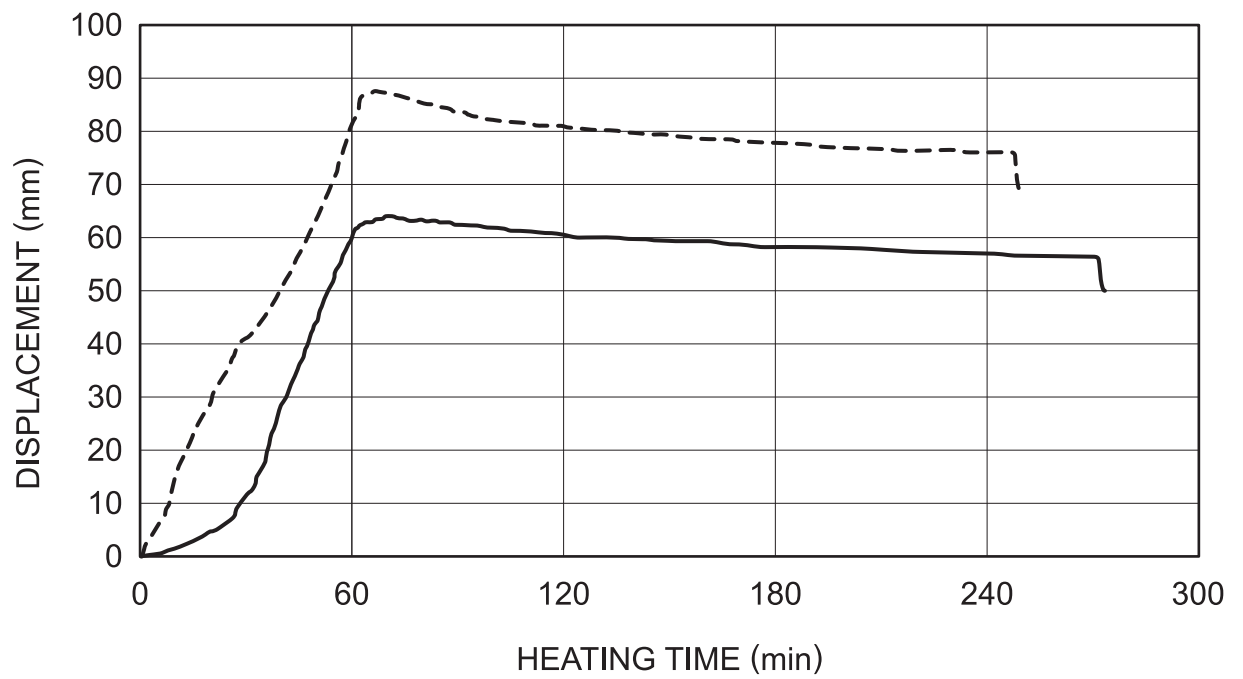


FIG.8

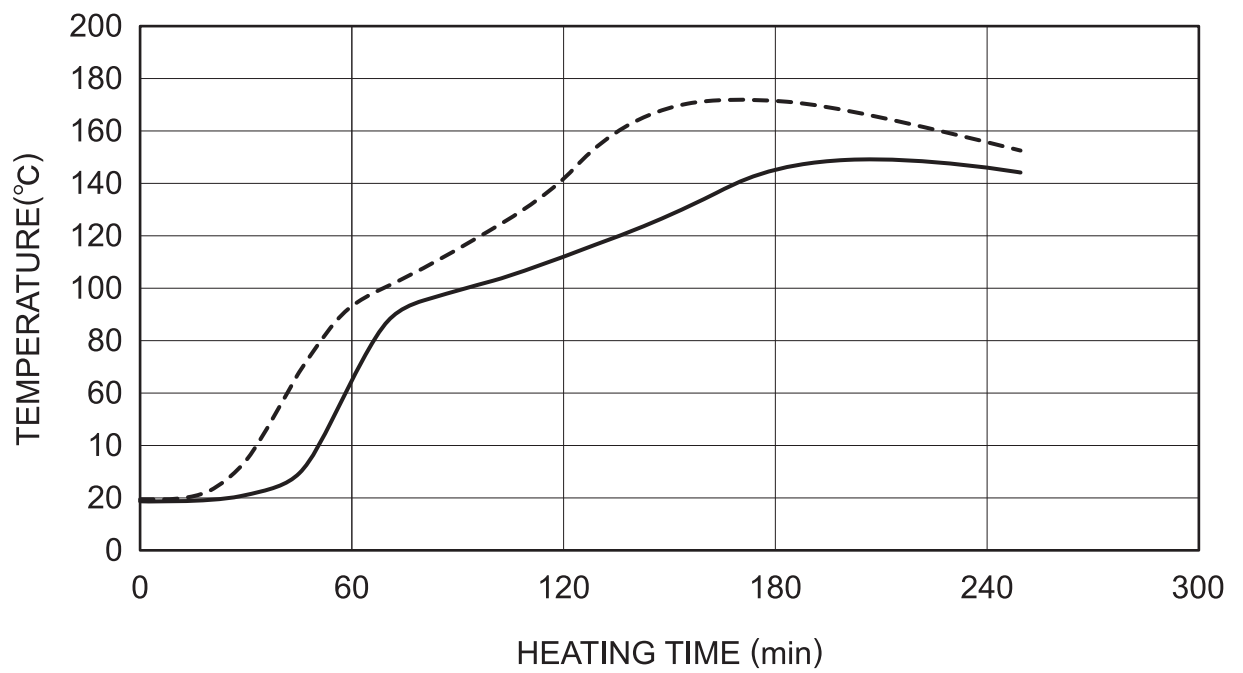


FIG.9