

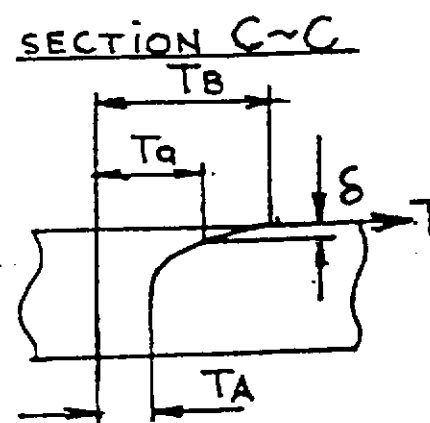
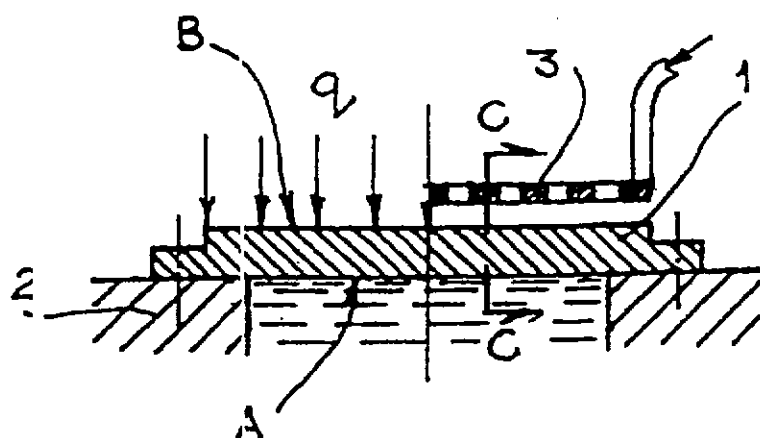
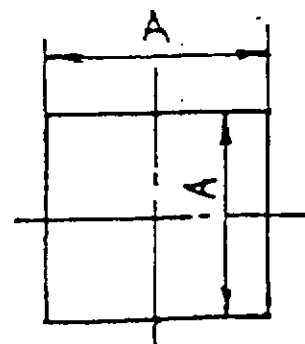
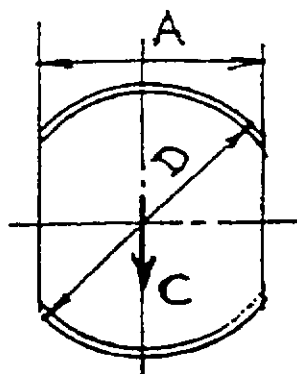
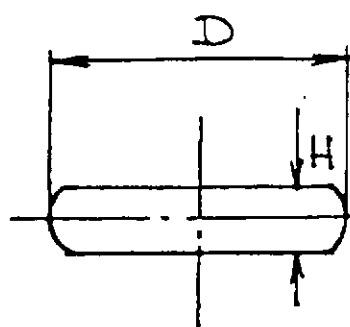
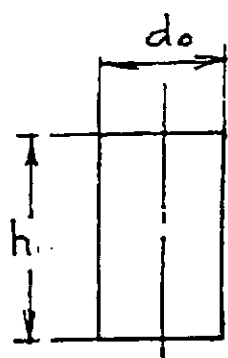
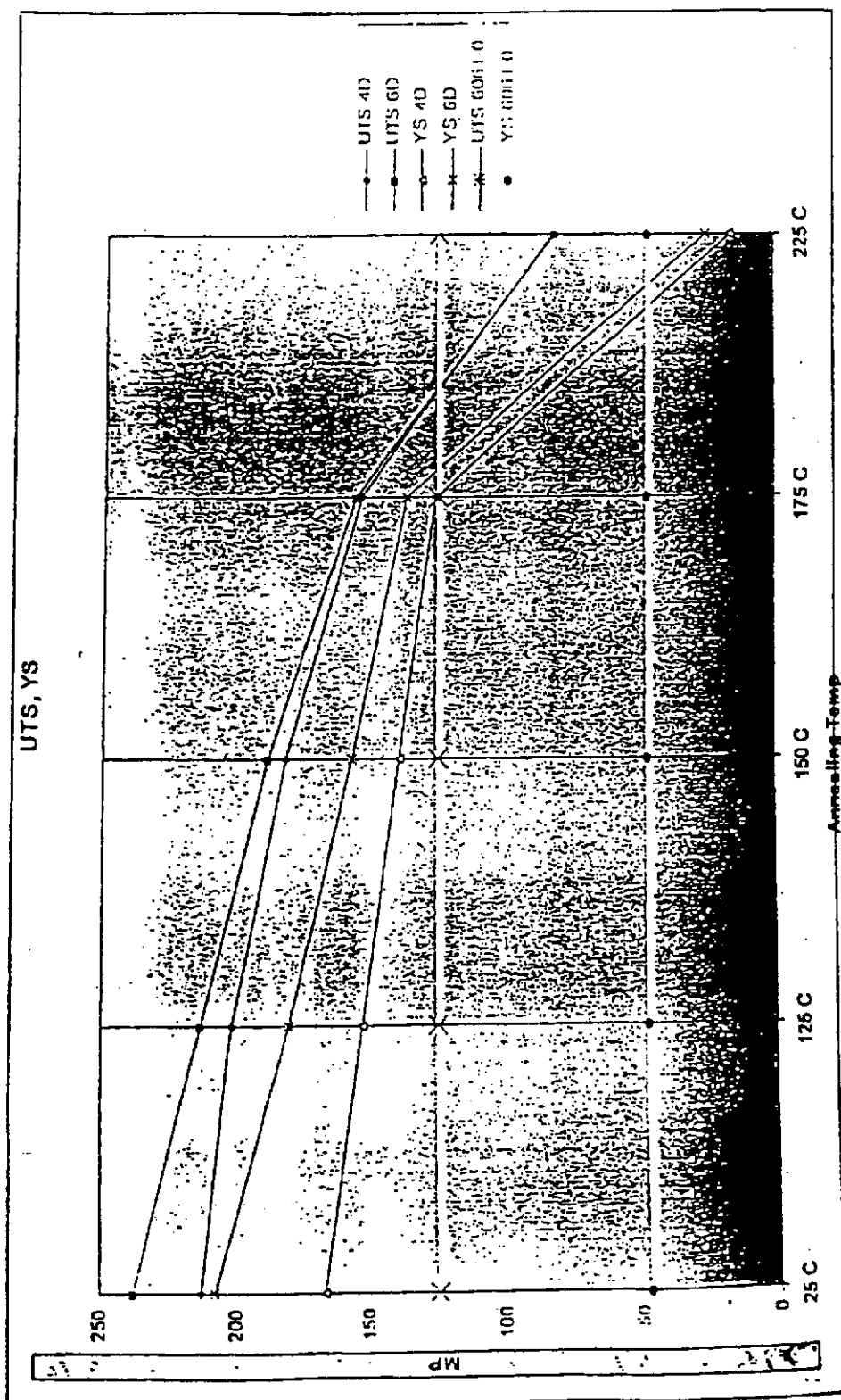


FIGURE 2

Strength of ECAE Al+0.5Cu vs AA 6061-0



SPREADING OF ORIENTATIONS AS INCREASES ROT. THE D as deformed- (2270) v. 1e

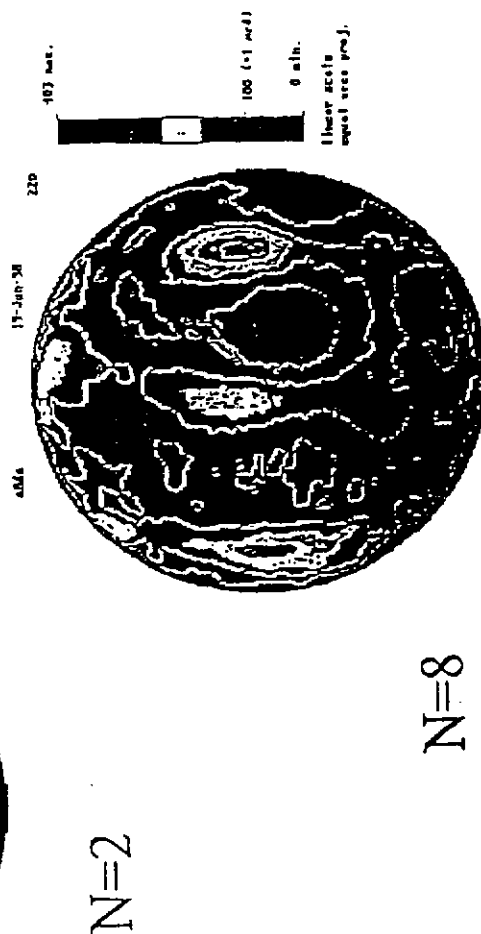
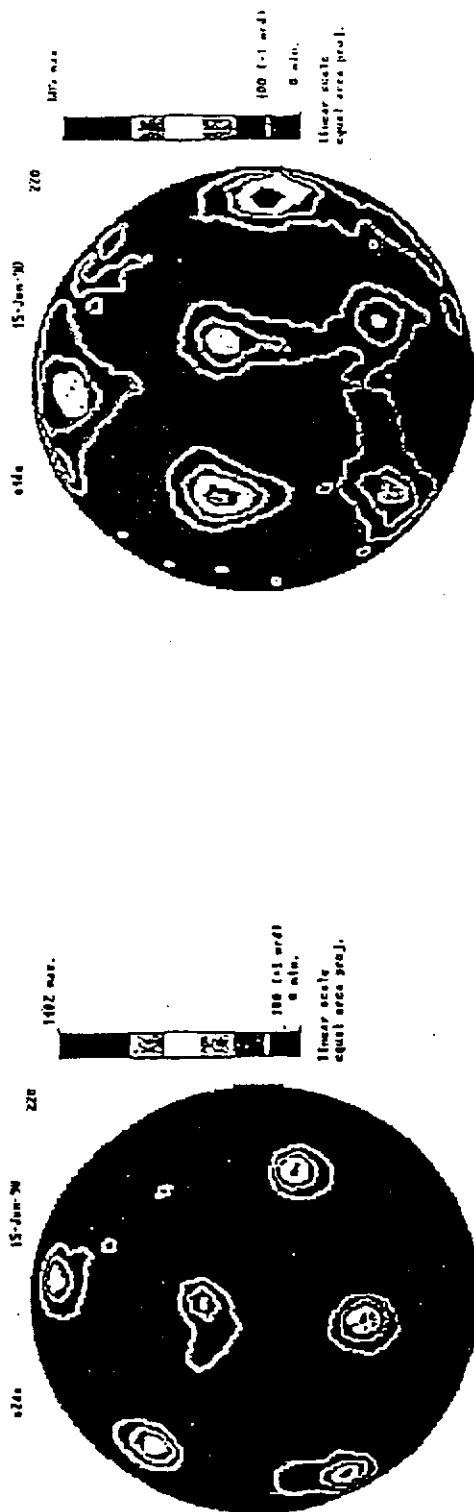


Figure 4

Al .5 Cu
INFLUENCE OF ECAE DEFORMATION ROUTE
AND STRENGTH OF INITIAL TEXTURE ON TEXTURE FORMATION IN
FUNCTION OF NUMBER OF ECAE PASSES

EVOLUTION OF OD INDEX AFTER ECAE DEFORMATION VIA ROUTE A,B,C AND D IN
THE λ S-DEFORMED STATE FOR A STRONG AND WEAK INITIAL TEXTURE

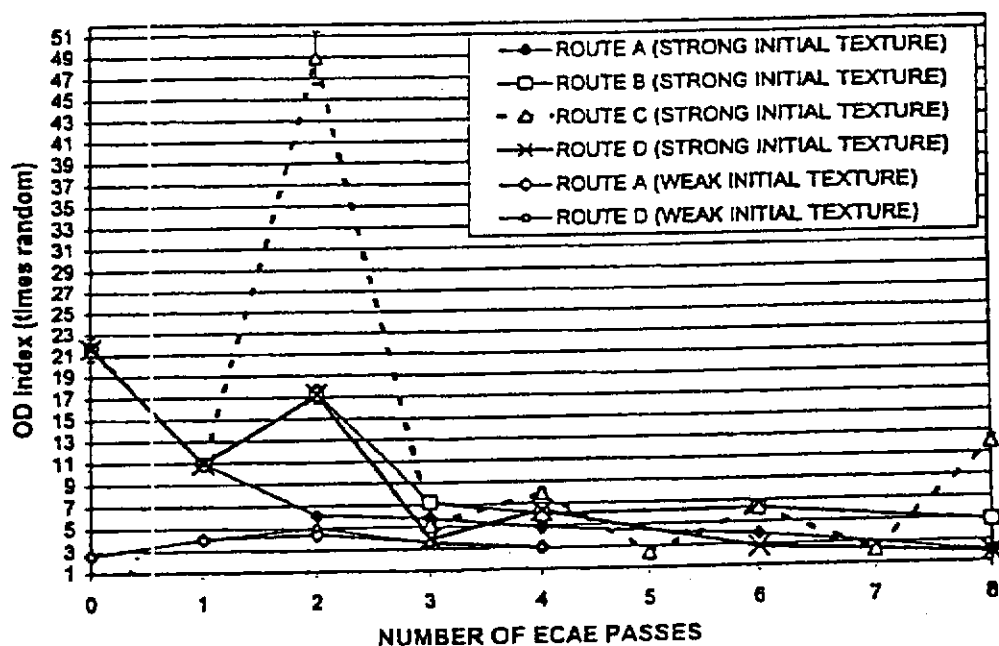


FIGURE 5

Al .5 Cu
INFLUENCE OF ANNEALING TREATMENT
ON TEXTURE FORMATION FOR ROUTE A

EVOLUTION OF OD INDEX FOR A STRONG INITIAL TEXTURE AFTER ECAE
DEFORMATION VIA ROUTE A AND SUBSEQUENT ANNEALING AT TEMPERATURES:
-BELOW STATIC RECRYSTALLIZATION (150°C, 1h),
-AT THE BEGINNING OF STATIC RECRYSTALLIZATION (225°C, 1h)
-AFTER FULL STATIC RECRYSTALLIZATION (300°C, 1h)

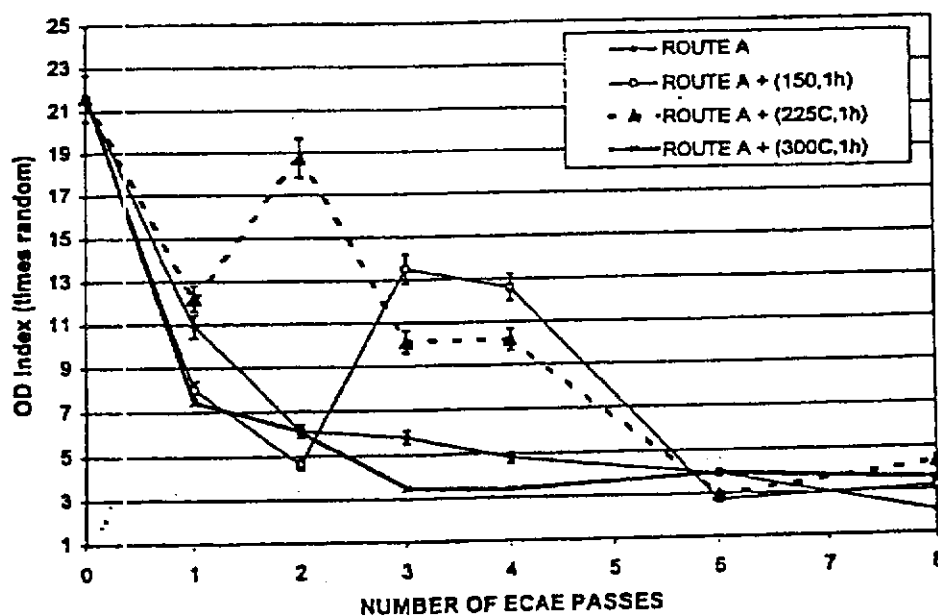


FIGURE 6

Al .5 Cu
INFLUENCE OF ANNEALING TREATMENT
ON TEXTURE FORMATION FOR ROUTE B

EVOLUTION OF OD INDEX FOR A STRONG INITIAL TEXTURE AFTER ECAE
DEFORMATION VIA ROUTE B AND SUBSEQUENT ANNEALING AT TEMPERATURES:
-BELOW STATIC RECRYSTALLIZATION (150°C, 1h),
-AT THE BEGINNING OF STATIC RECRYSTALLIZATION (225°C, 1h)
-AFTER FULL STATIC RECRYSTALLIZATION (300°C, 1h)

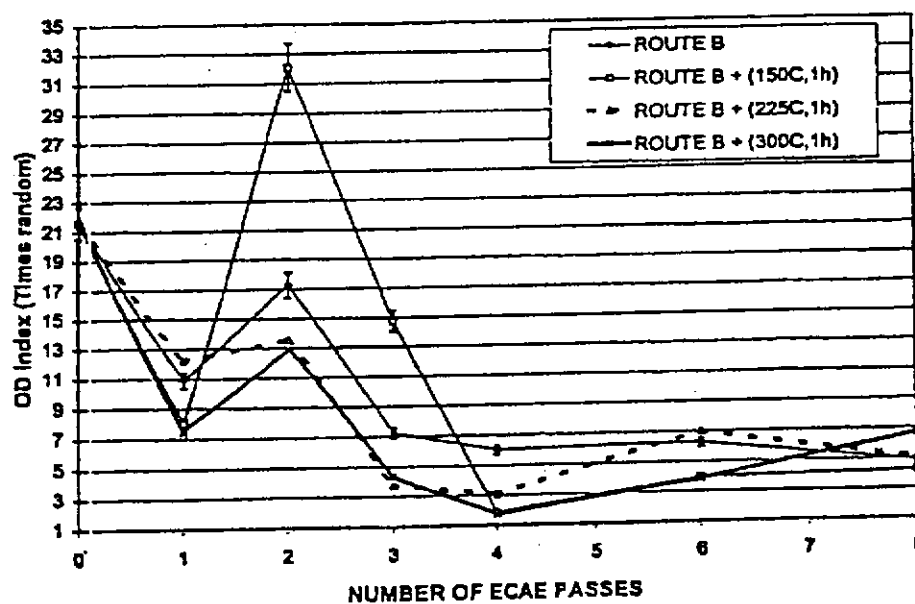


FIGURE 7

Al .5 Cu
INFLUENCE OF ANNEALING TREATMENT
ON TEXTURE FORMATION FOR ROUTE C

EVOLUTION OF OD INDEX FOR A STRONG INITIAL TEXTURE AFTER ECAE DEFORMATION VIA ROUTE C AND SUBSEQUENT ANNEALING AT TEMPERATURES:
-BELOW STATIC RECRYSTALLIZATION (150°C, 1h),
-AT THE BEGINNING OF STATIC RECRYSTALLIZATION (225°C, 1h)
-AFTER FULL STATIC RECRYSTALLIZATION (300°C, 1h)

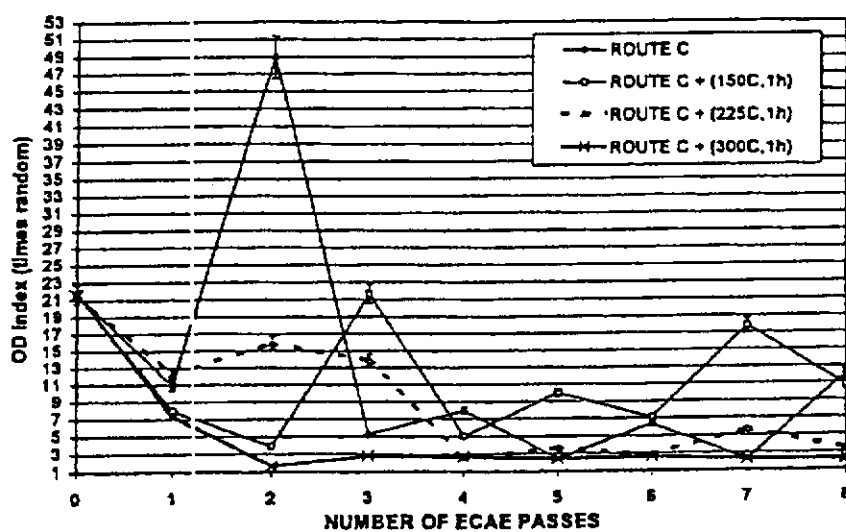


FIGURE 8

Al .5 Cu
INFLUENCE OF ANNEALING TREATMENT
ON TEXTURE FORMATION FOR ROUTE D

EVOLUTION OF OD INDEX FOR A STRONG INITIAL TEXTURE AFTER ECAE
DEFORMATION VIA ROUTE D AND SUBSEQUENT ANNEALING AT TEMPERATURES:
-BELOW STATIC RECRYSTALLIZATION (150°C, 1h),
-AT THE BEGINNING OF STATIC RECRYSTALLIZATION (225°C, 1h)
-AFTER FULL STATIC RECRYSTALLIZATION (300°C, 1h)

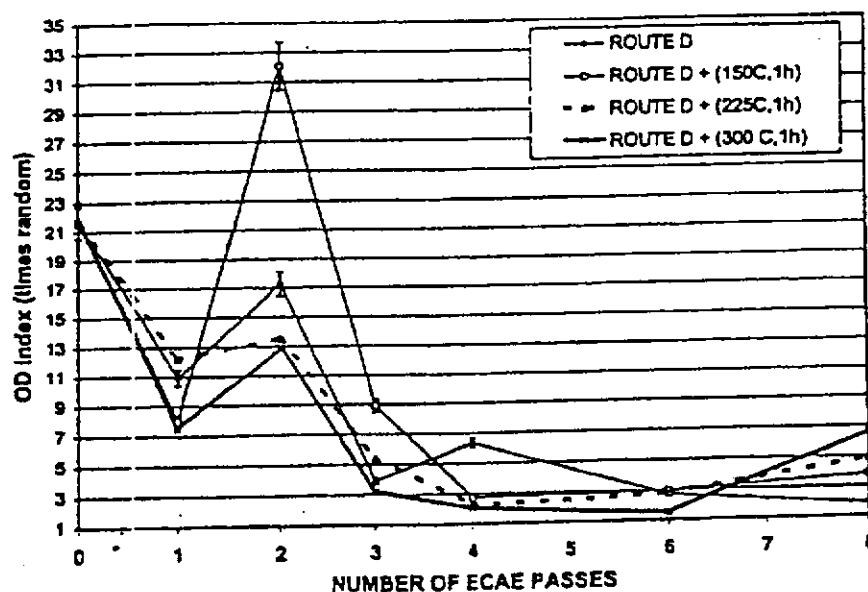


FIGURE 9

Figure 10

