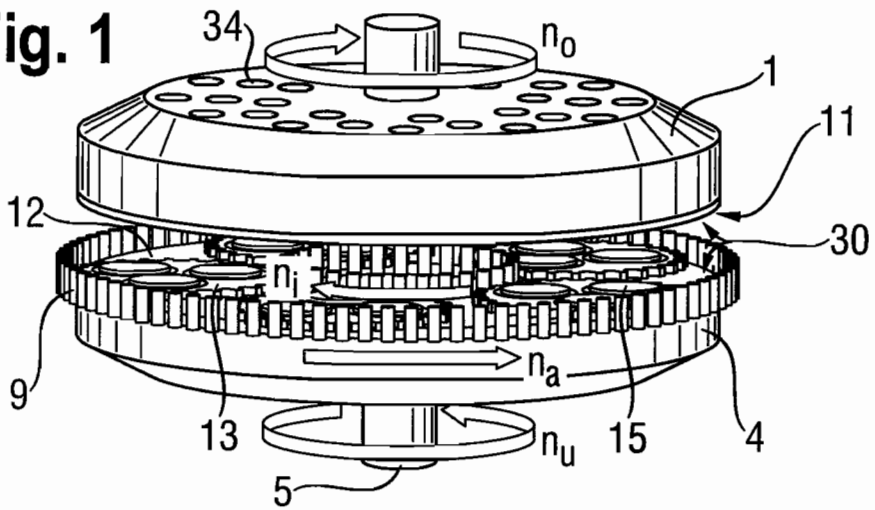
Fig. 1



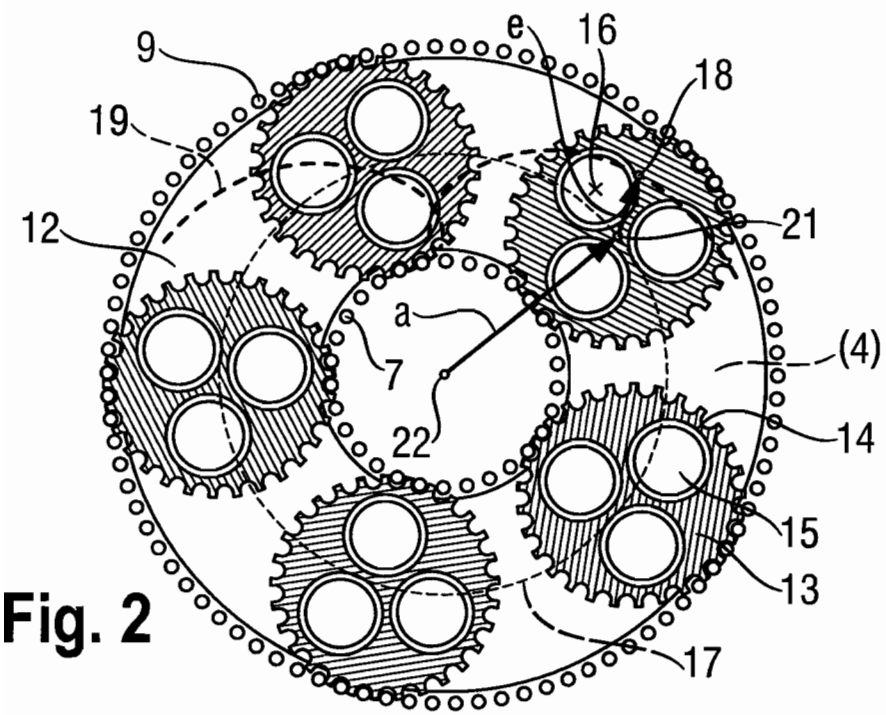


Fig. 2

Fig. 3

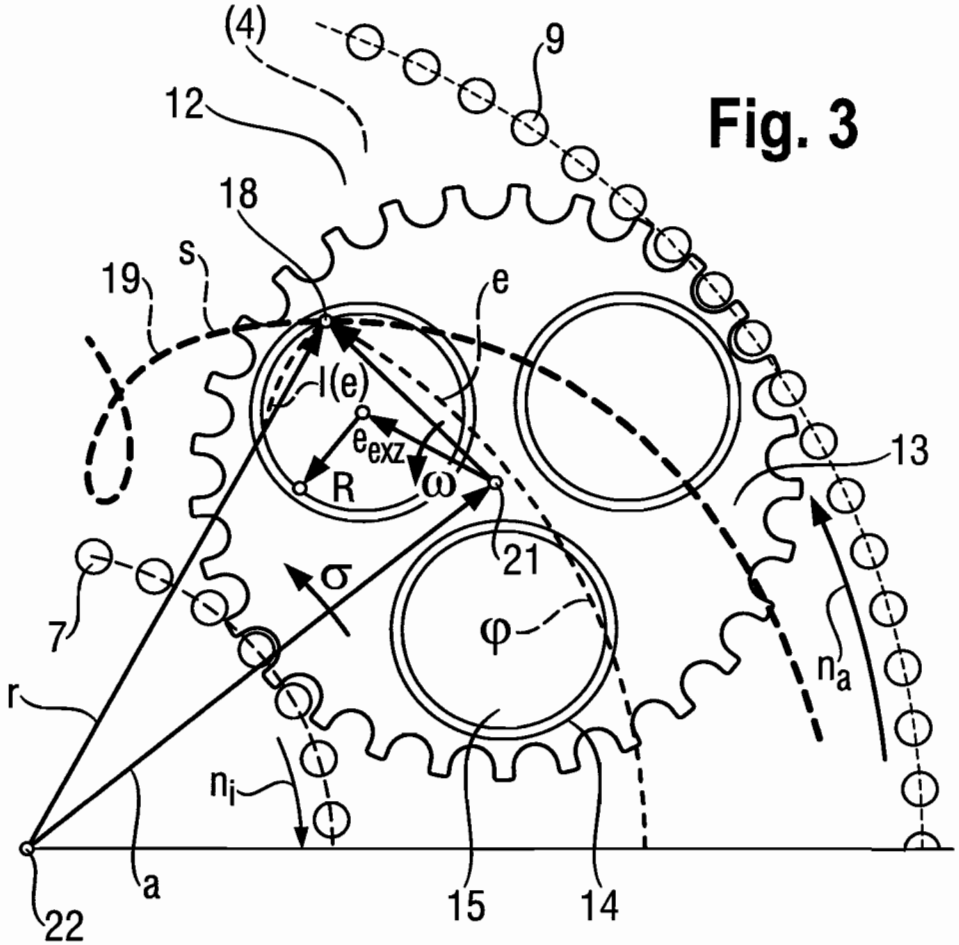


Fig. 4

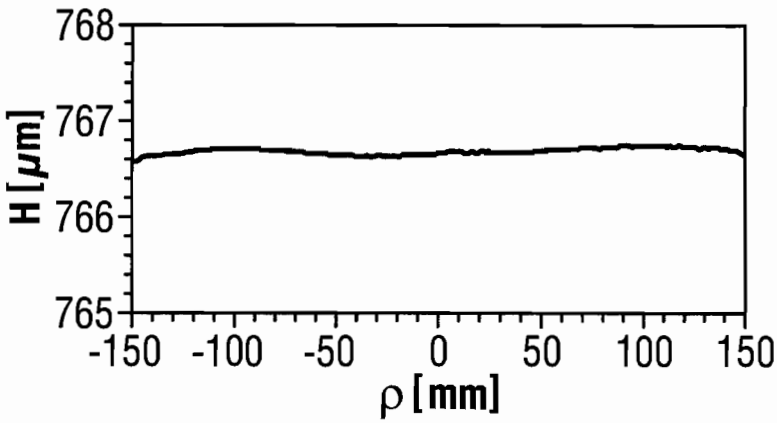


Fig. 5

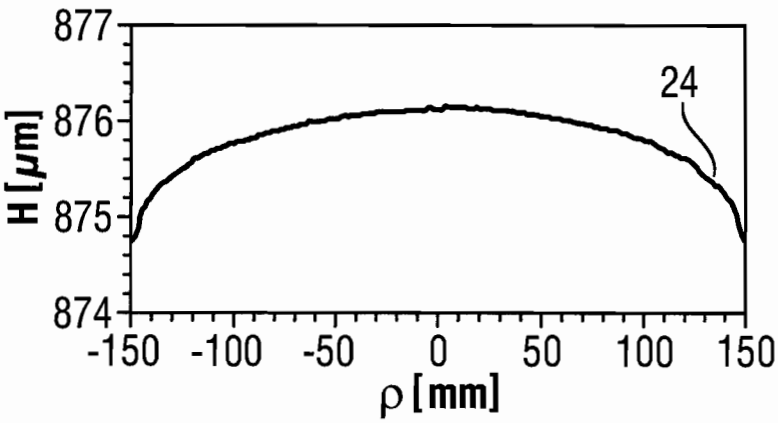


Fig. 6

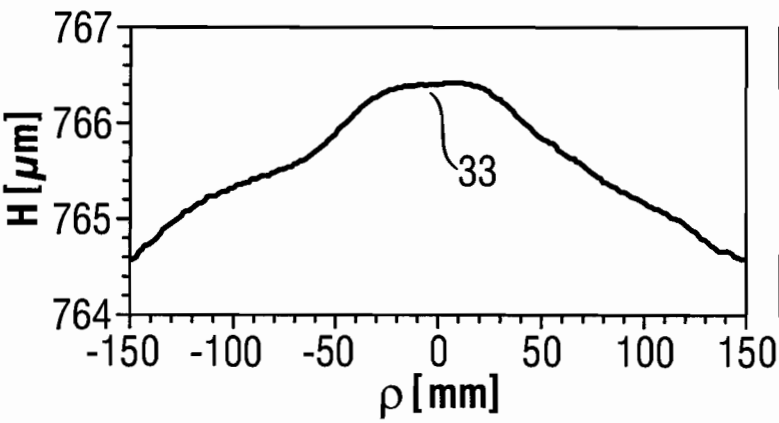


Fig. 7

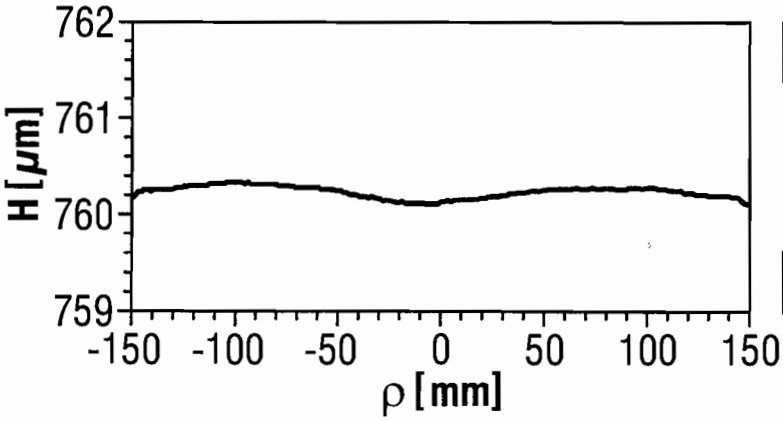


Fig. 8A

$$\begin{pmatrix} n_o \\ n_u \\ n_i \\ n_a \end{pmatrix} = \begin{pmatrix} 30 \\ -36 \\ -46 \\ 12 \end{pmatrix} \Rightarrow \begin{pmatrix} \sigma_o \\ \sigma_u \\ \omega_o \\ \omega_u \end{pmatrix} = \begin{pmatrix} -33.2 \\ 32.8 \\ 14.0 \\ 80.0 \end{pmatrix}$$

Fig. 8B

$$\begin{pmatrix} n_o \\ n_u \\ n_i \\ n_a \end{pmatrix} = \begin{pmatrix} 25 \\ -59 \\ -43 \\ -8 \end{pmatrix} \Rightarrow \begin{pmatrix} \sigma_o \\ \sigma_u \\ \omega_o \\ \omega_u \end{pmatrix} = \begin{pmatrix} -42.2 \\ 41.8 \\ -13.7 \\ 70.3 \end{pmatrix}$$

Fig. 9A

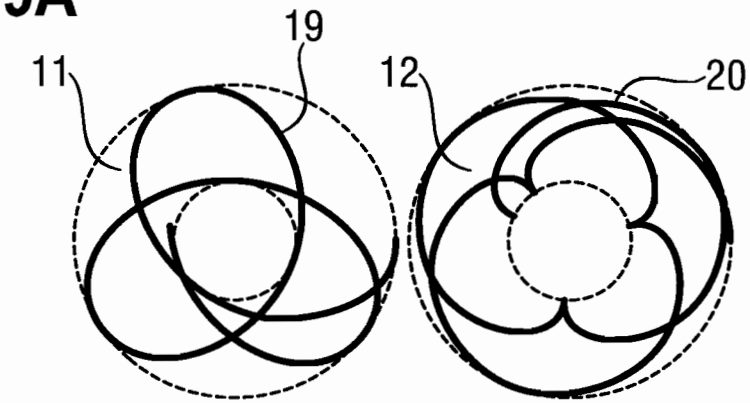
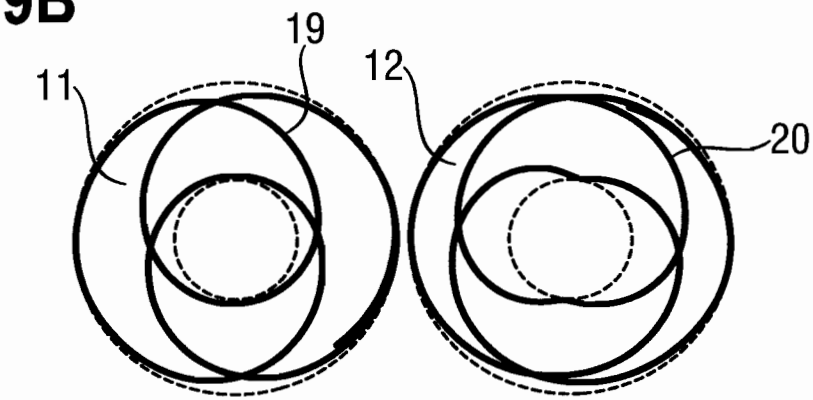


Fig. 9B



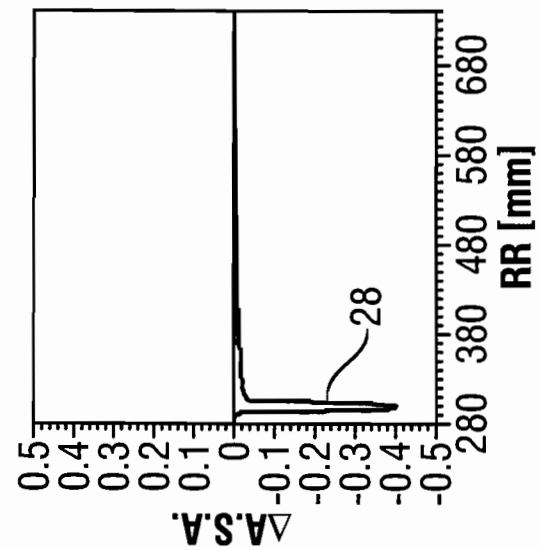


Fig. 11A

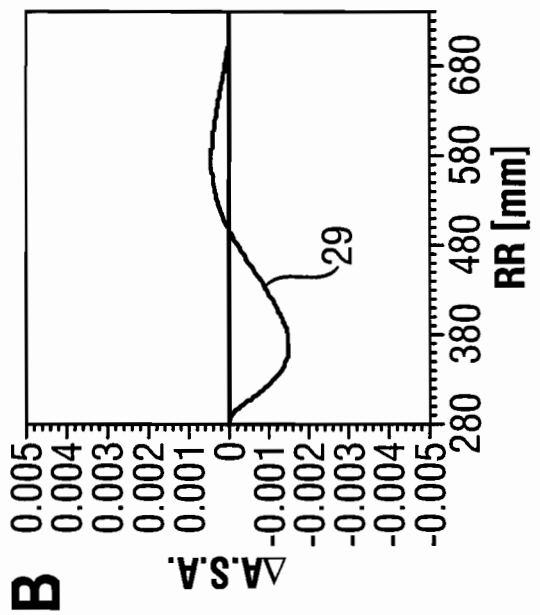


Fig. 11B

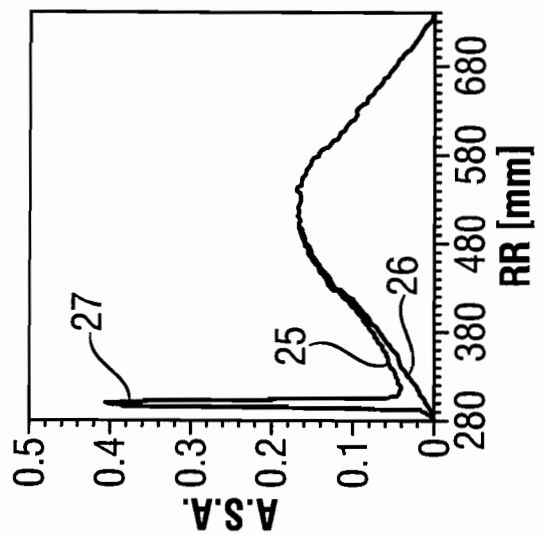


Fig. 10A

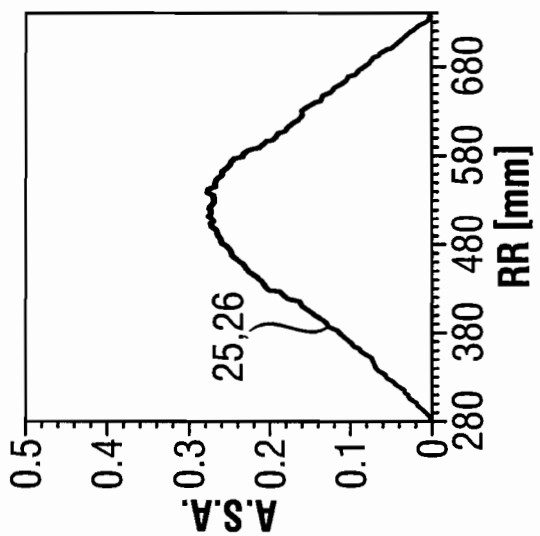


Fig. 10B

Fig. 12A

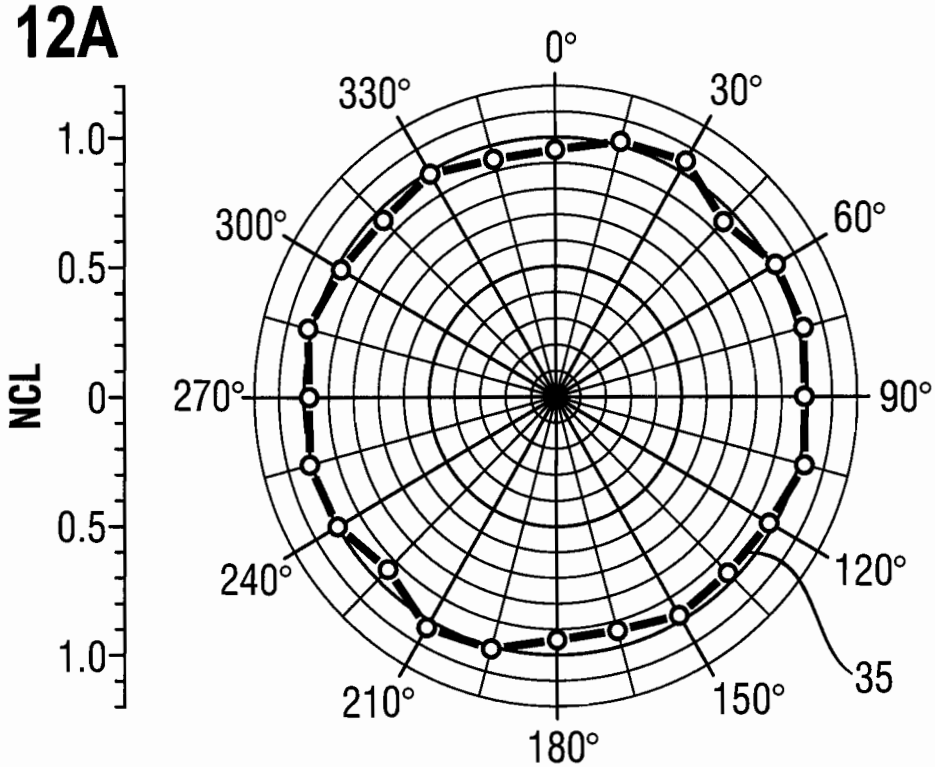


Fig. 12B

