

Fig. 1

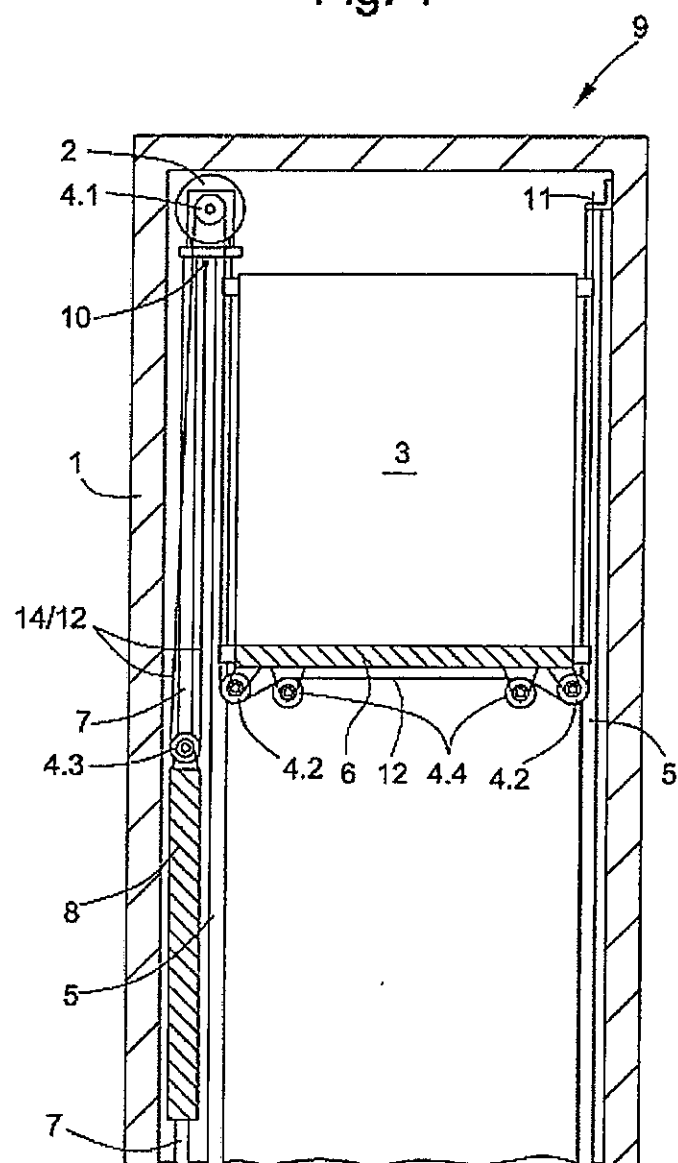


Fig.2a

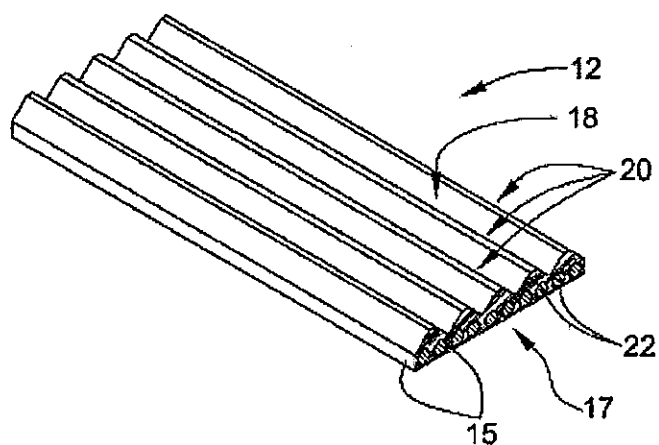


Fig.2b

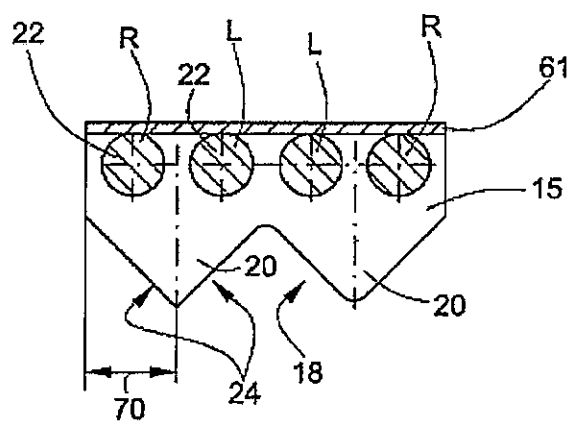


Fig. 3a

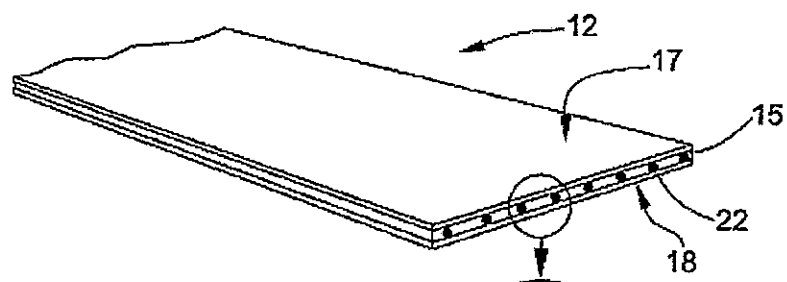


Fig. 3b

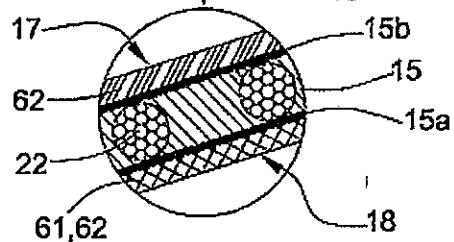


Fig. 4a

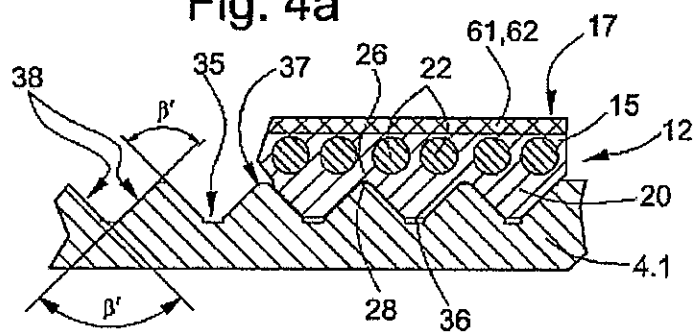


Fig. 4b

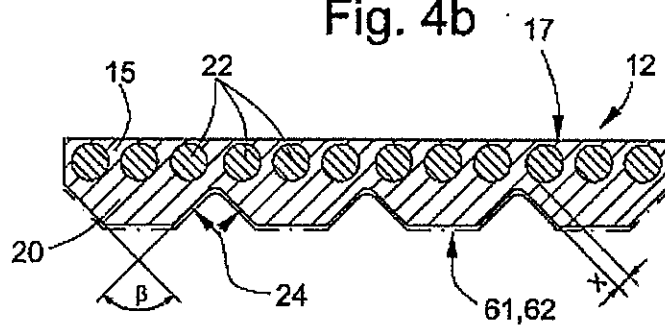


Fig. 5

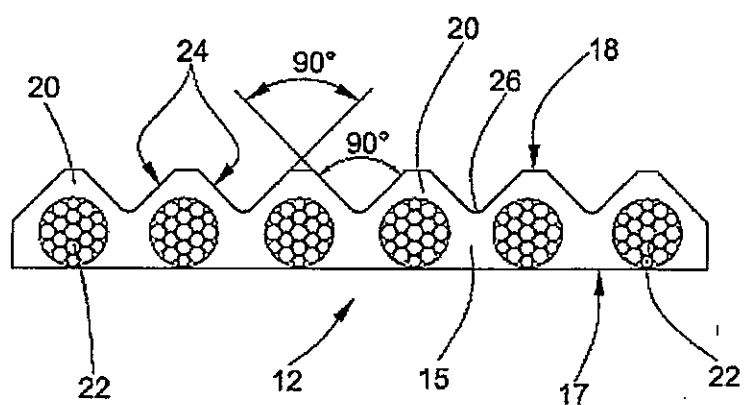


Fig. 6

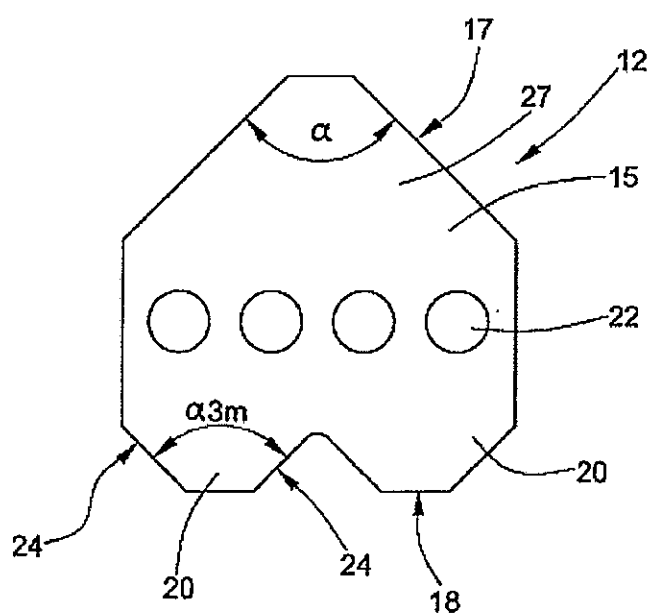
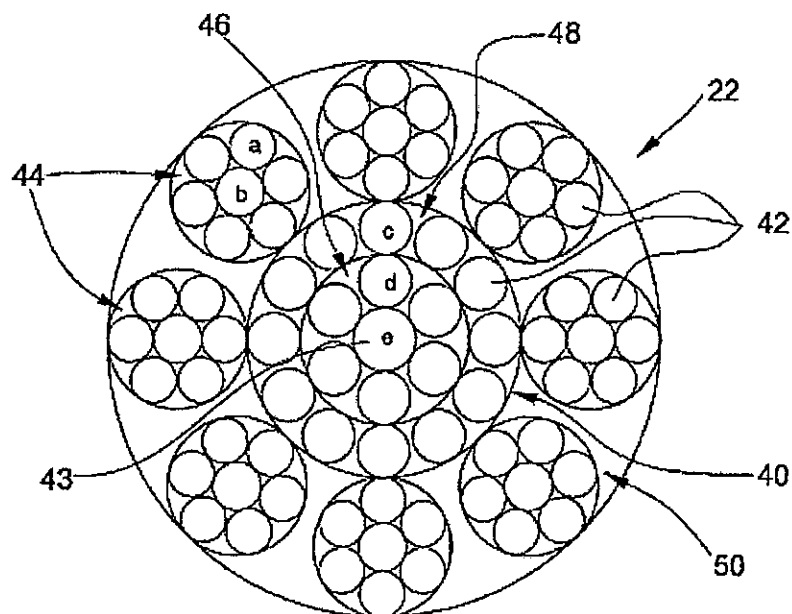


Fig. 7

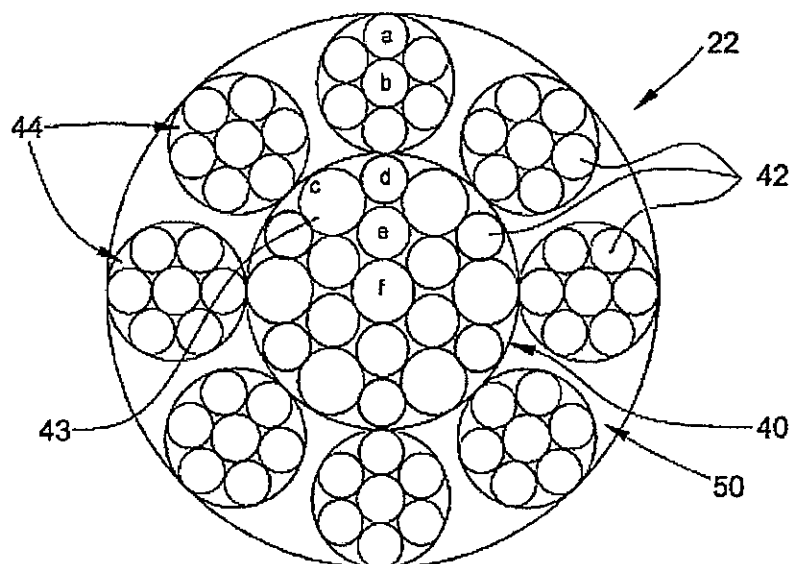


Cord 19+8x7			Example		
	s	N	r	36	44
	[mm]	-	D	72	87
a	0.160	48	cm	554	459
b	0.160	8	D/s	379	458
c	0.170	12	D/d eff.	41.5	50
d	0.170	8			
e	0.190	1			
Σ		75			
d calc.	1.83				
d eff.	1.73				
A (mm ²)	1.56				
FZM (N)	3'907				
eb (N/mm ²)	2'500				

Table 7. I

Table 7. II

Fig. 8a

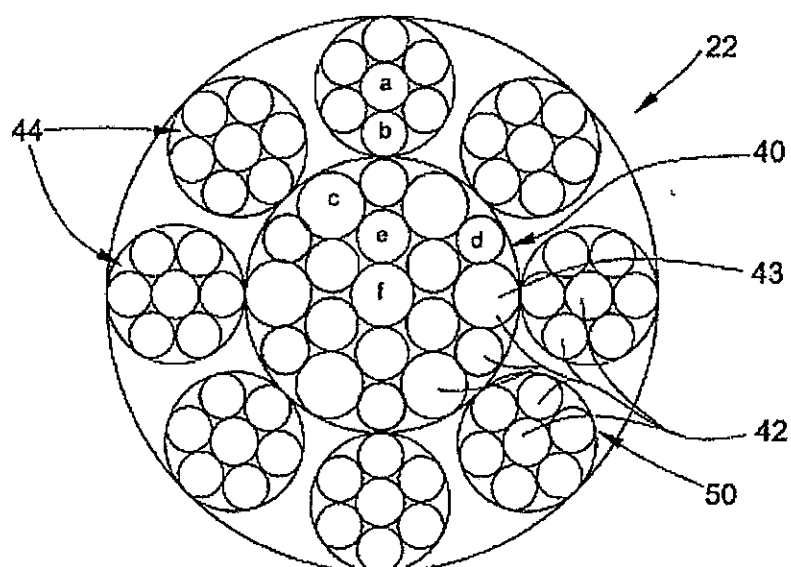


Cord 19+9x7			Example		
	δ	N	r	36	44
	[mm]	-	D	72	87
a	0.140	54	cd	642	531
b	0.140	9	D/ δ	327	395
c	0.220	6	D/d eff.	42.4	51.3
d	0.160	6			
e	0.200	6			
f	0.210	1			
z		82			
d calc.	1.79				
d eff.	1.70				
A (mm ²)	1.54				
FZM (N)	3'854				
σ_b (N/mm ²)	2'500				

Table 8a. I

Table 8a. II

Fig. 8b

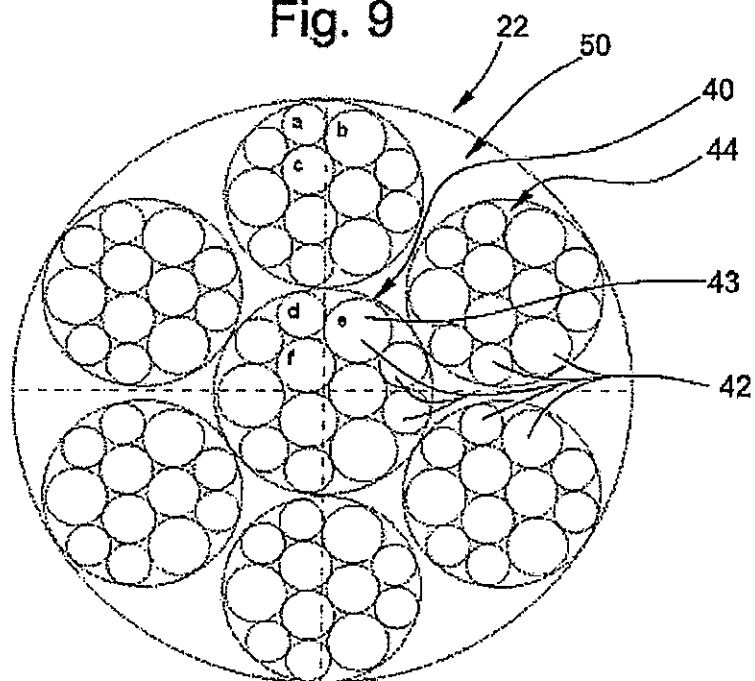


Cord	19+8x7		Example:		
	s	N	r	36	44
	[mm]	-	D	72	87
a	0.150	48	sh	642	531
b	0.150	8	D ₃	327	395
c	0.220	6	D ₄ l eff.	41.1	49.6
d	0.160	6			
e	0.200	6			
f	0.210	1			
Σ		76			
d calc.	1.85				
d eff.	1.75				
A (mm ²)	1.56				
FZM (N)	3'904				
σ _b (N/mm ²)	2'500				

Table 3b. I

Table 3b. II

Fig. 9



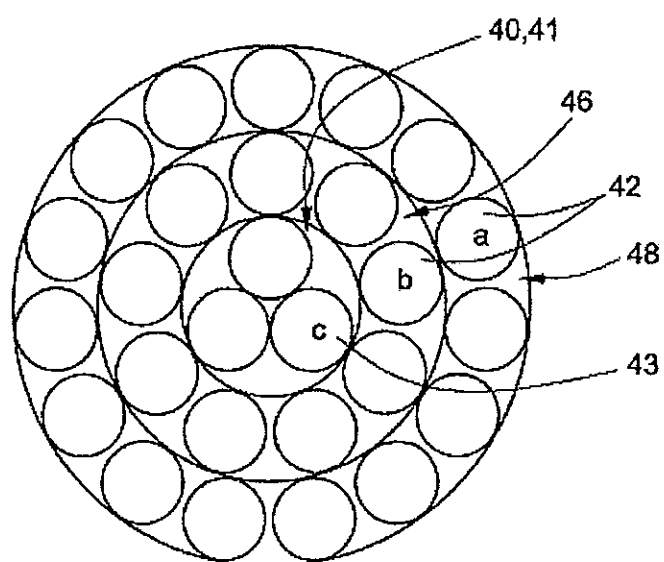
Cord		
	δ (mm)	N
a	0.17	36
b	0.25	18
c	0.22	18
d	0.20	6
e	0.30	3
f	0.25	3
Σ		84
d calc.	2.49	
d eff.	2.50	
A (mm ²)	2.93	
FZM (N)	7331.9	

Table 9.1

Example					
r	36	44	54	63	75
D	72	87	107	125	150
ch	875	724	589	504	420
D _{ch}	240	290	357	417	500
D _{ch} eff.	28.8	34.8	42.8	50.0	60.0

Table 9.11

Fig. 10



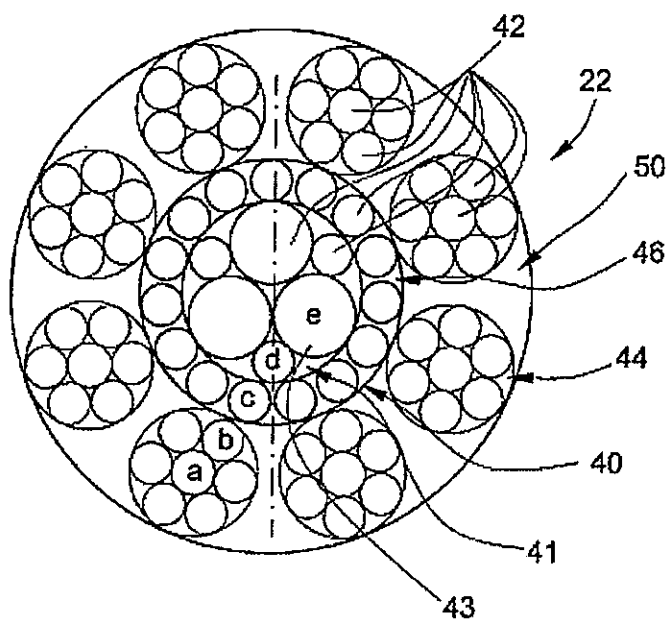
Cord		
	δ [mm]	N
a	0.27	15
b	0.27	9
c	0.30	3
Σ		27
d calc.	1.73	
d eff.	1.64	
A (mm ²)	1.59	
FZM (N)	3965.5	

Table 10. I

Example				
r	36	44	54	63
D	72	87	107	125
cb	875	724	589	504
D _{eff}	240	290	357	417
D/d eff.	43.9	53.0	65.2	76.2

Table 10. II

Fig. 11



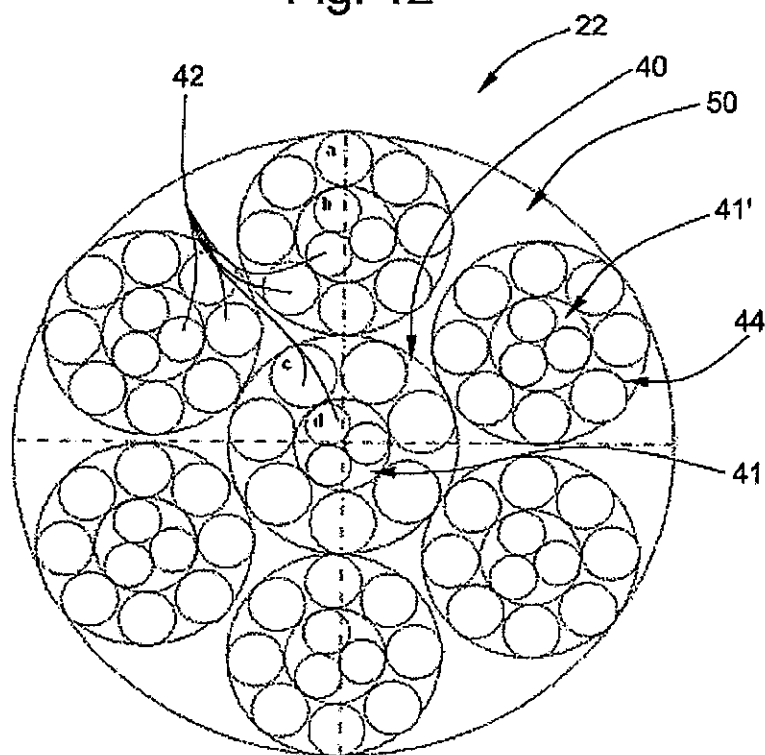
Cord		
	δ (mm)	N
a	0.16	48
b	0.16	8
c	0.14	15
d	0.15	3
e	0.30	3
Σ		77
d calc.	1.89	
d eff.	1.79	
A (mm ²)	1.62	
FZM (N)	4054.80	

Table 11. I

Example				
r	36	44	54	63
D	72	87	107	125
cd	875	724	589	504
D/ δ	240	290	357	417
D/d eff.	40.3	48.6	59.8	69.9

Table 11. II

Fig. 12



Cord			Example					
	δ [mm]	N	I	36	44	54	63	75
		-	D	72	87	107	125	150
a	0.23	48	ob	788	652	530	454	378
b	0.19	18	D/s	240	290	357	417	500
c	0.27	7	D/d eff.	28.2	34.1	42.0	49.0	58.8
d	0.18	3						
Σ		76	Table 12. II					
d calc.	2.67							
d eff.	2.55							
A (mm ²)	2.98							
FZM (N)	7450							

Table 12. I