

Title (en)  
WINDING ARRANGEMENT

Title (de)  
WICKLUNGSANORDNUNG

Title (fr)  
ENSEMBLE ENROULEMENT

Publication  
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Application  
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Abstract (en)  
[origin: CA2495382A1] The invention relates to a winding arrangement having a high electric strength. The winding arrangement has at least two juxtaposed windings (34, 37) arranged in a row, said windings being surrounded by a barrier arrangement (38, 40) configured with insulating material. A tubular electric shield (62, 63; 64, 65) is provided in the area of both front faces of the winding (5, 6; 7, 8; 58, 59; 60, 61) of at least one of said windings (1, 3, 4), said shield coaxially surrounding the corresponding winding (1, 2; 3, 4; 37) while leaving an intermediate gap (23A, 63A) and extending axially outward over the corresponding front face of the winding (5, 6; 7, 8; 58, 59; 60, 61) in such a way that its axial height (B) relative to the corresponding front face of the winding (58, 59) is the same or greater than half of the radial width (A) of the intermediate gap (23A, 63A).

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Citation (examination)  
• US 3353129 A 19671114 - LEIBINGER GEORGE E  
• US 3039042 A 19620612 - CHATTERTON JOHN B  
• US 4259654 A 19810331 - PERSSON ERIK, et al  
• US 4864265 A 19890905 - PEOPLES STUART A [US], et al

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