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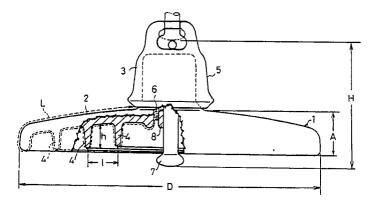
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- 54 Suspension insulator.
- Disclosed is a suspension insulator having a shed (2) with several ribs (4) formed concentrically and integrally on the lower face and a head (3) integrally formed at the central portion on the upper face of the shed(2), with a metal cap (5) being fixed on the head (3) and a metal pin (7) being fixed in the cavity of the head (3). The insulator is designed to have dimensions in such a way that the following equations [1] to [3] are satisfied:

0.8 h < ℓ [1] 2.5≦ L/H≦ 4.5 [2] D≦ L [3],

where, h is the height of the ribs (4); L is the interval between the ribs (4); L is the creepage distance as measured along the surface of the shed (2), D is the diameter of the shed (2); and H is the connection pitch of a suspension insulator unit forming an insulator string.

FIG. 1



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EUROPEAN SEARCH REPORT

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