

Title (en)
Suspension insulator.

Title (de)
Hängeisolator.

Title (fr)
Isolateur de suspension.

Publication
EP 0388133 B1 19951115 (EN)

Application
EP 90302638 A 19900313

Priority
JP 6686489 A 19890317

Abstract (en)
[origin: EP0388133A2] 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] $2.5 \leq L/H \leq 4.5$ [2] $D \leq L$ [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.

IPC 1-7
H01B 17/42; **H01B 17/04**

IPC 8 full level
H01B 17/06 (2006.01); **H01B 17/04** (2006.01); **H01B 17/42** (2006.01); **H01B 17/50** (2006.01)

CPC (source: EP)
H01B 17/04 (2013.01); **H01B 17/42** (2013.01)

Cited by
CN102208233A; CN115143890A; CN103456428A; WO2012131180A1

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EP 0388133 A2 19900919; **EP 0388133 A3 19910731**; **EP 0388133 B1 19951115**; EG 19239 A 19941030; JP H02244514 A 19900928; JP H077612 B2 19950130

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