

Title (en)  
Mineral insulated electric cable manufacture

Title (de)  
Herstellung von mineralisierten elektrischen Kabeln

Title (fr)  
Fabrication de câbles électriques à isolant minéral

Publication  
**EP 0573313 B1 19961227 (EN)**

Application  
**EP 93304420 A 19930607**

Priority  
GB 9211944 A 19920605

Abstract (en)  
[origin: EP0573313A2] A method of manufacturing mineral insulated electric cable comprises locating one or more conductor rods in a metal tube, introducing mineral insulating powder into the tube and then drawing the filled tube through one or more reducing dies to reduce the diameter of the tube to the required size, wherein the die, or at least one of the dies is continuously subjected to ultrasonic radial vibrations. The method has the advantage that greater reductions in diameter of the tube can be achieved between annealing steps due to reduction of damage to the conductor rods and the metal tube by the mineral insulating powder.

IPC 1-7  
**H01B 13/00**

IPC 8 full level  
**H01B 13/004** (2006.01)

CPC (source: EP)  
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Cited by  
CN109243706A; CN108355172A; CN114769945A; WO2023240816A1

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**EP 0573313 A2 19931208; EP 0573313 A3 19940209; EP 0573313 B1 19961227**; DE 69306862 D1 19970206; DE 69306862 T2 19970507; ES 2095575 T3 19970216; GB 2267991 A 19931222; GB 9211944 D0 19920715; GB 9311713 D0 19930721

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