

Title (en)

APPARATUS AND METHOD FOR USE IN FLUIDIZED POWDER FILLING OF MULTIPLE CORE UNIT CABLES

Publication

**EP 0007634 B1 19820811 (EN)**

Application

**EP 79102665 A 19790726**

Priority

CA 308439 A 19780731

Abstract (en)

[origin: EP0007634A1] For powder filling of cables, in a fluidized powder bed, has been proposed to pass the cable core through a bed in a substantially closed condition. There is a limit to the number of conductors a core can have for effective filling. In the present invention the cable core is opened up into a number of core units by passing through an opening member (50). The opening member is freely rideable on the cable core and has a hole (55, 55A) for each unit. The opener is held against a support member (40) and an air bearing formed between the two members. Air is also usually fed to the holes (55, 55A) in the opener member through which the core units pass to prevent flow of powder out from the bed. The opening member can be positioned in the fluidized bed or outside immediately prior to passage of the cable core through the bed. The units are each in a substantially closed condition in the bed and the units close to a single core also in the bed.

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