

Title (en)

PROCESS FOR IRRADIATION CROSS-LINKING OF STRAND-SHAPED MATERIALS

Title (de)

VERFAHREN ZUR STRAHLENVERNETZUNG VON STRANGGÜTERN

Title (fr)

PROCEDE DE RETICULATION PAR RAYONNEMENT DE PRODUITS EN FORME DE BOYAUX

Publication

**EP 0758480 A1 19970219 (DE)**

Application

**EP 96901683 A 19960215**

Priority

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- CH 61395 A 19950303

Abstract (en)

[origin: WO9627887A1] In order to carry out electron beam cross-linking of the insulating sheath of an electrical cable (12), two beams are produced by an electron accelerator (1). The two beams are each directed at the cable via a beam guide element (41, 42) from two directions which form an angle of 90 DEG . Irradiation can take place in the same diametral plane or zone of the cable (12) and using the same beam intensity, without any overheating of the cable core. The facility used for carrying out the electron beam cross-linking process can be provided with a beam chopper.

IPC 1-7

**H01B 13/00**

IPC 8 full level

**B29C 35/10** (2006.01); **H01B 13/00** (2006.01); **H01B 13/14** (2006.01)

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