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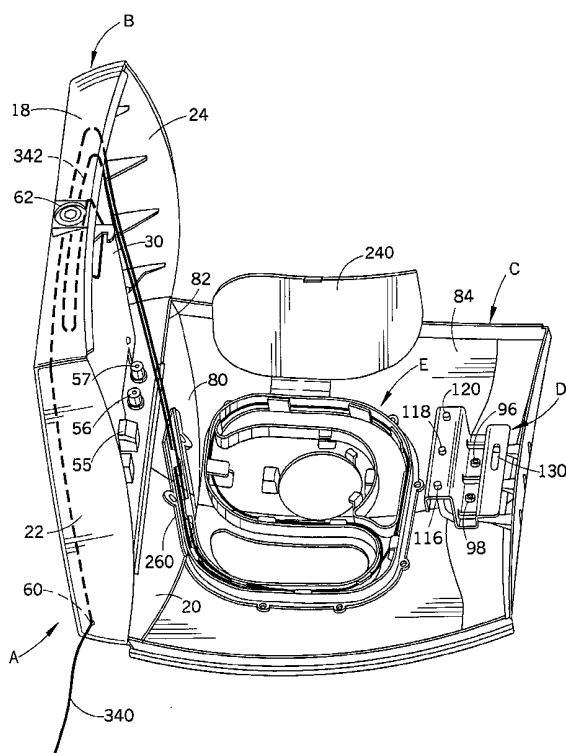
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(54) Title: SPLICE TRAY FOR USE IN SPLICING FIBER OPTIC CABLES AND HOUSING THEREFOR



(57) Abstract: A splice tray for use in splicing fiber optic cables has an outer periphery and a cable splicing area inwardly of the outer periphery. A main cable guideway for receiving a pair of side-by-side cables to be spliced extends along a portion of the outer periphery adjacent thereto. The main cable guideway splits into first and second continuation guideways, the first of which curves inwardly from the outer periphery to intersection with the splicing area from one direction. The second continuation guideway (168) continues along another portion of the outer periphery to intersection with the splicing area from another direction. The two fiber optic cables that extend along the main guideway are separated to extend through the first and second continuation guideways to the splicing area (170) for being joined together in a splice. A cable looping device is provided in the splicing area for receiving cable loops to take up slack, and a splice receiving recess is provided in the splice area for holding a splice. A housing for the splice tray (E) includes a vertical case having a door hinged to the bottom portion thereof for swinging movements about a horizontal hinge axis between a vertical closed position and a horizontal open position. The splice tray is attached to the inside of the door for receiving a pair of cables that extend from the case and across the hinge to the splice tray. An integral inclined guideway extension on the splice tray extends toward the hinge axis along an inclined door bottom wall for receiving the cables.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 10203 A (JENKINS PETER DAVID ;GREGORY BRIAN (GB); BENTON SIMON CHARLES TRIS) 4 April 1996 (1996-04-04) abstract; figures 1-13 ---	1, 19, 27
A	EP 0 557 188 A (MARS ACTEL) 25 August 1993 (1993-08-25) abstract; figures 1-9 -----	1, 19, 27

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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