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(71)Name of Applicant :  
**1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)**  
Address of Applicant :SE 164 83 Stockholm Sweden  
(72)Name of Inventor :  
**1)IOVANNA Paola**  
**2)BOTTARI Guilio**  
**3)UBALDI Fabio**

(57) Abstract :

Computing working paths and recovery paths in a telecommunications network having nodes (60 61) capable of supporting different recovery schemes is based on traffic demands having an indication of a desired recovery service level for that demand. A path computation is carried out (120) to select a working path through the network for each of the traffic demands and to select which of the different recovery schemes to use according to the service level. The selected working paths and their associated recovery schemes are then set up in the network. By leaving the selection of the recovery scheme to the path computation stage network resources can be used more efficiently and operators can specify resiliency in terms of needs rather than in terms of the technology of the network. Thus operators can be insulated from the detailed knowledge of the network.

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