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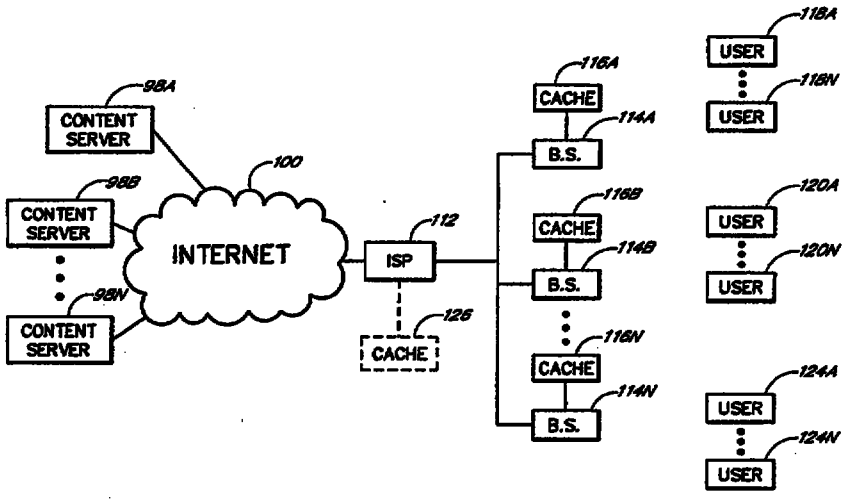
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(54) Title: DISTRIBUTED CACHE FOR A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: In a wireless system comprising a plurality of radio base station, each base station services a portion of the system. A cache is associated with each base station. The cache stores files regularly requested by the remote unit within the coverage area of the corresponding base station. When a base station receives a message from a remote unit, it parses the message to determine if the message comprises a file request. If so, the base station determines whether the file is available from the cache. If available, the base station responds to the request by forwarding the requested file from the cache. If the file is not available, the base station forwards the message to a central controller, which retrieves the file via the Internet from the appropriate content server and provides it to the base station.

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