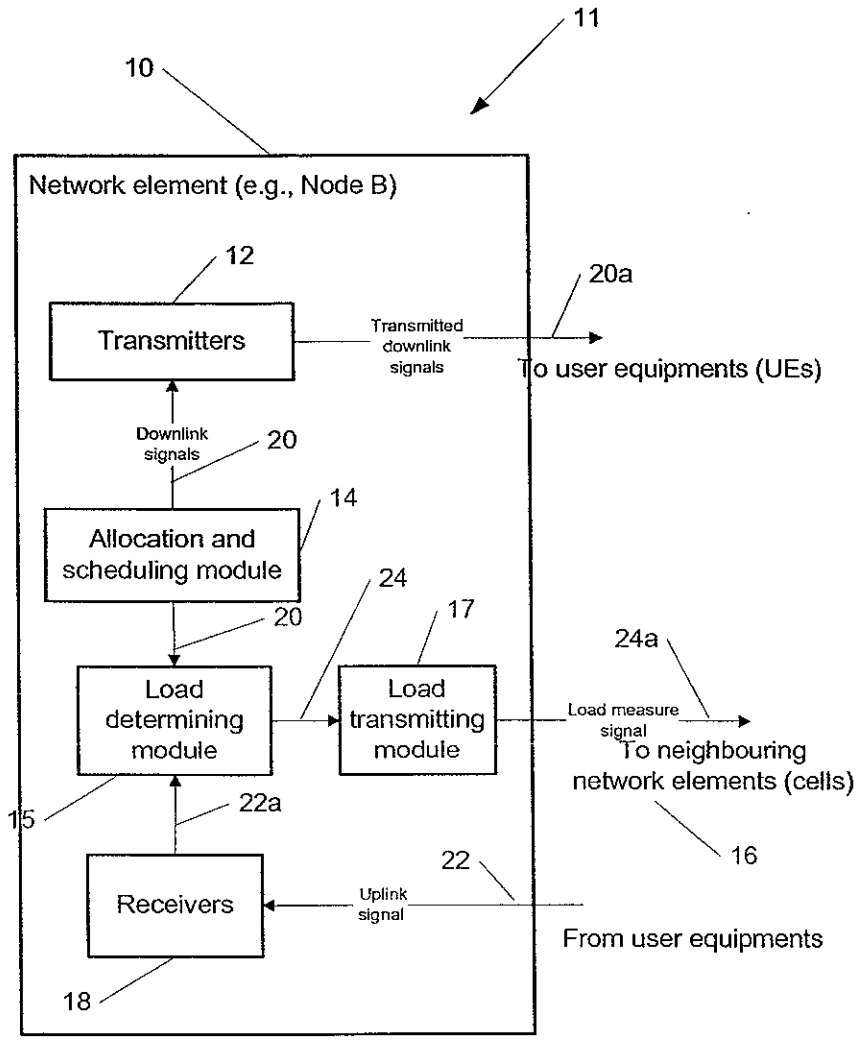

11
10
Network element (e.g., Node B)
12
Transmitters
20a
Transmitted downlink signals
To user equipments (UEs)
Downlink signals
20
14
Allocation and scheduling module
24
20
17
24a
Load determining module
Load transmitting module
Load measure signal
To neighbouring network elements (cells)
15
22a
16
22
Receivers
Uplink signal
From user equipments
18

Figure 1

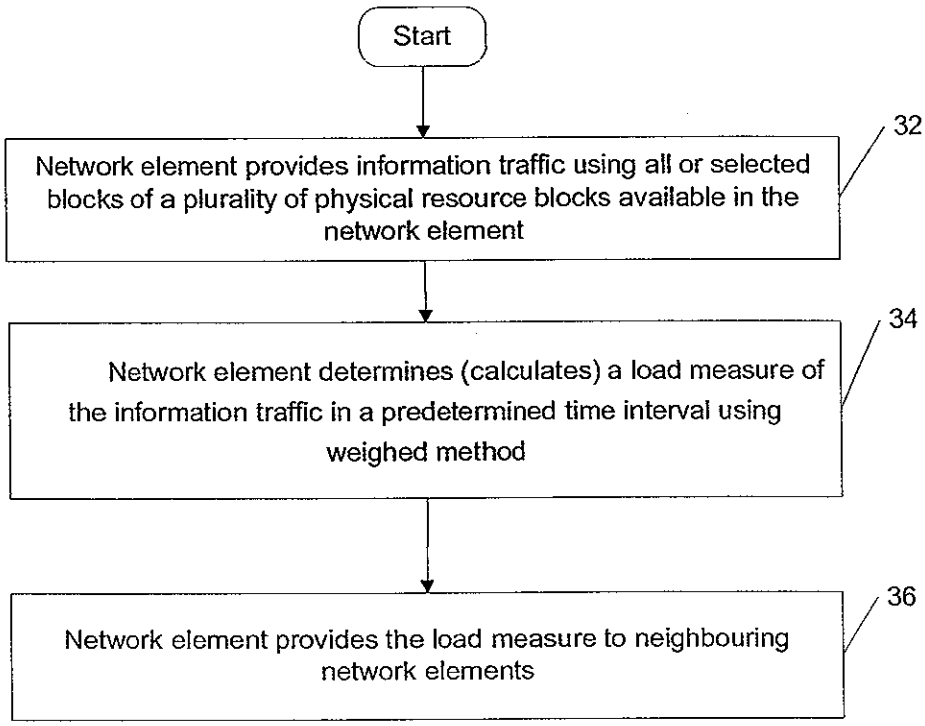

Start
Network element provides information traffic using all or selected blocks of a plurality of physical resource blocks available in the network element
32
Network element determines (calculates) a load measure of the information traffic in a predetermined time interval using weighed method
34
Network element provides the load measure to neighbouring network elements
36

Figure 2