

ABSTRACT

Aspects concern a server comprising a processor configured to: generate a plurality of candidate batches from received orders using one or more batching parameters; evaluate each of the plurality of candidate batches using one or more predetermined batching constraints; determine one or more first candidate batches from the plurality of candidate batches that meet the one or more predetermined batching constraints; evaluate each of the one or more first candidate batches using one or more predetermined trip constraints; determine one or more second candidate batches from the one or more first candidate batches that meet the one or more predetermined trip constraints; obtain a proxy metric using a number of orders of the one or more second candidate batches and a number of the received orders; and input the proxy metric and the one or more batching parameters into the batching system, to update the batching system.

FIG. 5