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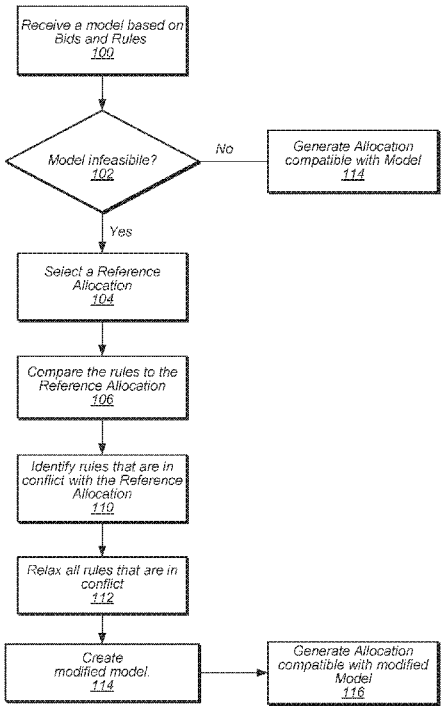


FIG. 1A

(57) Abstract: Systems, apparatuses, and methods for providing feedback in an electronic sourcing system. A system is configured to receive a first optimization model whose solution represents an allocation or award of items being bid upon. The first optimization model comprises a plurality of bids and one or more allocation rules representing one or more constraints on the allocation. Subsequent to determining the optimization model is not feasible, the system is configured to compare the one or more allocation rules to a reference allocation. Subsequent to determining an allocation rule of the one or more allocation rules is in conflict with the reference allocation, system is configured to relax the allocation rule in the first optimization model to create a second optimization model, and solve the second optimization model to generate an allocation compatible with the second optimization model.

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