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(54) Title: COST EARLY-WARNING METHOD AND APPARATUS FOR PREFABRICATED BUILDING

(54) 发明名称: 装配式建筑的成本预警方法和装置

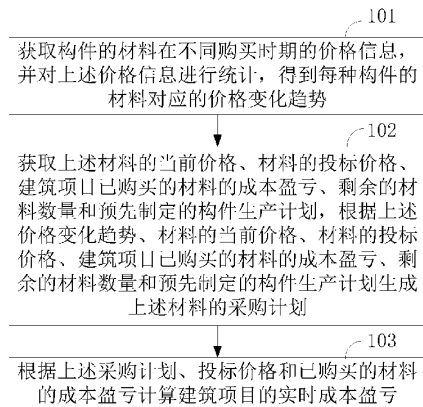


图 1

- 101 Acquire price information of materials of members in different purchase periods, and compile statistics on the price information to obtain a price variation trend corresponding to the materials of each member
- 102 Acquire the current price of the materials, the bid price of the materials, the cost profit and loss of materials that have been purchased for a building project, the number of remaining materials, and a pre-made member production plan, and generate a purchase plan for the materials according to the price variation trend, the current price of the materials, the bid price of the materials, the cost profit and loss of the materials that have been purchased for the building project, the number of remaining materials, and the pre-made member production plan
- 103 Calculate, according to the purchase plan, the bid price and the cost profit and loss of the materials that have been purchased, the real-time cost profit and loss of the building project

(57) Abstract: A cost early-warning method and apparatus for a prefabricated building. The cost early-warning method for a prefabricated building comprises: acquiring price information of materials of members in different purchase periods, and compiling statistics on the price information to obtain a price variation trend corresponding to the materials of each member; acquiring the current price of the materials of the member, the bid price of the materials, the cost profit and loss of materials that have been purchased for a building project, the number of remaining materials, and a pre-made member production plan, and generating a purchase plan for the materials according to the price variation trend, the current price of the materials, the bid price of the materials, the cost profit and loss of the materials that have been purchased for the building project, the number of remaining materials, and the pre-made member production plan; and calculating, according to the purchase plan, the bid price and the cost profit and loss of the materials that have been purchased, the real-time cost profit and loss of the building project. The cost early-warning method and apparatus for a prefabricated building solve the technical problem of it not being possible to accurately predict the construction cost of a building due to the fact that the prices of materials of production members vary along with the market.

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 一种装配式建筑的成本预警方法和装置, 所述装配式建筑的成本预警方法包括: 获取构件的材料在不同购买时期的价格信息, 并对所述价格信息进行统计, 得到每种构件的材料对应的价格变化趋势; 获取构件的材料的当前价格、所述材料的投标价格、建筑项目已购买的材料的成本盈亏、剩余的材料数量和预先制定的构件生产计划, 根据所述价格变化趋势、材料的当前价格、材料的投标价格、建筑项目已购买的材料的成本盈亏、剩余的材料数量和预先制定的构件生产计划生成所述材料的采购计划; 根据所述采购计划、所述投标价格和所述已购买的材料的成本盈亏计算所述建筑项目的实时成本盈亏; 所述的装配式建筑的成本预警方法和装置解决了生产构件的材料的价格随市场发生变动, 导致建筑的建造成本无法准确预测的技术问题。