

Abstract

APPARATUS FOR PRODUCING AQUEOUS UREA SOLUTION USED IN VEHICLES AND METHOD OF USING THE SAME

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The present invention relates to an apparatus for producing aqueous urea solution used in vehicles and a method of using the same. The apparatus comprises a dissolution device with a stirrer for dissolving urea granules. Said dissolution device is arranged with a charging device upstream thereof for introducing urea granules and deionized
10 water independently into said dissolution device; said dissolution device is also arranged with a mixing device downstream thereof for adjusting the property of the aqueous urea solution. Said stirrer comprises a stirring shaft provided with one or a plurality of blades. The apparatus for producing aqueous urea solution used in vehicles according to the present invention can carry out continuous production and ensure
15 stable product quality.

(Fig. 1)