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The invention relates to biogas production by processing organic waste from wine stock, poultry, livestock waste, plant growing distillation processes, food and cellulose-containing woodworking waste, grapevine scraps and fallen leaves and can be used for producing gaseous fuel and organic-mineral fertilizers.

The method for producing biogas includes anaerobic methane fermentation of vinasse biomass by passing through it a gaseous mixture, obtained during catalytic gasification of cellulose-containing and liquid organic waste, containing hydrogen, carbon dioxide, carbon monoxide and methane in a volumetric ratio of 1:0.9:0.45:0.013, respectively, which is dosed into the vinasse biomass in an amount of 0.1-0.3 dm³/ dm³ of vinasse.

As cellulose-containing waste are used crushed grapevine, wood scraps, and/or fallen leaves, and as gasification catalyst is used granular magnetite.

Claims: 3

Fig.: 1