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(54) Title: METHOD AND DEVICE FOR VOICE DRIVING LIP'S SHAPE IN CARTOON TO BE CHANGED AND OBTAINING CARTOON OF LIP

(54) 发明名称: 语音驱动动画中嘴唇形状变化、获取嘴唇动画的方法及装置

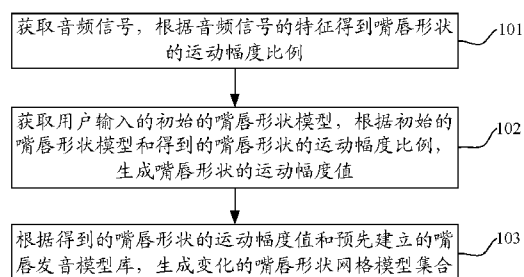


图 1 / FIG. 1

101 OBTAINING THE AUDIO SIGNAL AND OBTAINING THE MOTION AMPLITUDE SCALE OF THE LIP'S SHAPE ACCORDING TO THE CHARACTERS OF THE AUDIO SIGNAL

102 OBTAINING THE ORIGINAL MODEL OF THE LIP'S SHAPE INPUTTED BY A USER, AND GENERATING THE MOTION AMPLITUDE VALUE OF THE LIP'S SHAPE ACCORDING TO THE ORIGINAL MODEL OF THE LIP'S SHAPE AND THE OBTAINED MOTION AMPLITUDE SCALE OF THE LIP'S SHAPE

103 GENERATING THE SET OF GRIDDING MODEL OF THE CHANGING LIP'S SHAPE ACCORDING TO THE OBTAINED MOTION AMPLITUDE VALUE OF THE LIP'S SHAPE AND THE PRE-ESTABLISHED LIP PRONOUNCING MODEL DATABASE

(57) Abstract: A method for the voice driving a lip's shape in a cartoon to be changed, and a method and device for obtaining a cartoon of the lip are disclosed by the invention, which belong to the computer field. The method for the voice driving the lip's shape in the cartoon to be changed includes: obtaining an audio signal, and obtaining the motion amplitude scale of the lip's shape according to the characters of the audio signal; obtaining the original model of the lip's shape, and generating the motion amplitude value of the lip's shape according to the original model of the lip's shape and the motion amplitude scale of the lip's shape; generating a set of gridding model of the changing lip's shape according to the motion amplitude value of the lip's shape and a pre-established lip pronouncing model database. The device for the voice driving the lip's shape in the cartoon to be changed includes: an obtaining module, a first generating module and a second generating module. A method and device for obtaining the cartoon of the lip are also provided by the invention. The provided technical solution by the invention is simple in algorithm and less cost.

(57) 摘要:

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