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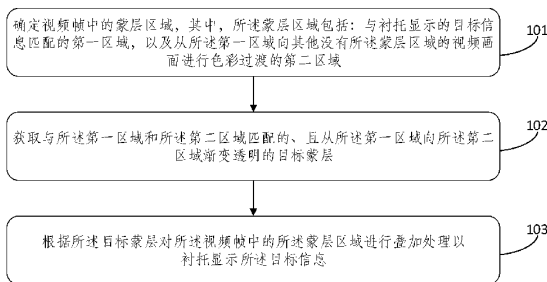
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(54) Title: VIDEO MASK DISPLAY METHOD AND APPARATUS, DEVICE, AND MEDIUM

(54) 发明名称: 视频蒙层显示方法、装置、设备及介质



- 101 Determine a masked area in a video frame, wherein the masked area comprises a first area that matches with target information displayed by a foil, and a second area that performs color transition from the first area to other video pictures that do not have a masked area
- 102 Acquire a target mask that matches with the first area and the second area and that gradually becomes transparent from the first area to the second area
- 103 Superimpose the masked area in the video frame according to the target mask so as to support the display of the target information

图 1

(57) Abstract: Embodiments of the present disclosure relate to a video mask display method and apparatus, a device, and a medium. The method comprises: determining a masked area in a video frame, the masked area comprising a first area that matches with target information displayed by a foil, and a second area that performs color transition from the first area to other video pictures that do not have a masked area; acquiring a target mask that matches with the first area and the second area and that gradually becomes transparent from the first area to the second area; and superimposing the masked area in the video frame according to the target mask. In the embodiments of the present disclosure, the first area allows the presentation of the target information to be clearer, and the second area allows the color transition of the first area and the video frame to be more natural; in addition, the first area is dynamically and adaptively adjusted according to the size of the target information, and the second area is also dynamically and adaptively adjusted with the first area, thereby enabling the video frame after having been superimposed with the target mask to clearly display the target information while avoiding the problem that the color of an original video frame is greatly affected.

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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: 本公开实施例涉及一种视频蒙层显示方法、装置、设备及介质, 该方法包括: 确定视频帧中的蒙层区域, 蒙层区域包括: 与衬托显示的目标信息匹配的第一区域, 以及从第一区域向其他没有蒙层区域的视频画面进行色彩过渡的第二区域。获取与第一区域和第二区域匹配的、且从第一区域向第二区域渐变透明的目标蒙层。根据目标蒙层对视频帧中的蒙层区域进行叠加处理。本公开实施例中, 第一区域使目标信息的呈现更清晰, 第二区域使第一区域和视频帧的色彩过渡更自然, 并且第一区域根据目标信息的尺寸动态自适应调整, 第二区域也随着第一区域动态自适应调整, 从而使得叠加目标蒙层之后的视频帧可以在清楚展示目标信息的同时避免了对原视频帧色彩影响较大的问题。