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(51) International classification	:H04N 19/593, H04N 19/80	(71)Name of Applicant :	1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant :Huawei Administration Building, Bantian, Longgang District Shenzhen, Guangdong 518129 China
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(33) Name of priority country	:U.S.A.		2)FILIPPOV, Alexey Konstantinovich
(86) International Application No	:PCT/RU2019/050153	(72)Name of Inventor :	1)FILIPPOV, Alexey Konstantinovich
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(87) International Publication No	:WO 2020/055292		3)RUFITSKIY, Vasily Alexeevich
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(57) Abstract :

The present disclosure provides methods and devices for intra-prediction of a current block in video encoding or decoding. The method comprises: performing intra-prediction processing of the current block according to a directional intra-prediction mode, comprising reference sample filtering or subpixel interpolation filtering applied to reference samples in one or more reference blocks, wherein the directional intra-prediction mode is classified into one of the following groups: (A) vertical or horizontal modes, (B) directional modes including diagonal modes that represent angles which are multiples of 45 degrees, (C) remaining directional modes; if the directional intra-prediction mode is classified as belonging to group B, a reference sample filter is applied to the reference samples; if the directional intra-prediction mode is classified as belonging to group C, an intra reference sample interpolation filter is applied to the reference samples.

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