

Title (en)  
METHODS AND APPARATUS FOR FACIAL RECOGNITION

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR GESICHTSERKENNUNG

Title (fr)  
PROCÉDÉS ET APPAREIL DE RECONNAISSANCE FACIALE

Publication  
**EP 3935563 A1 20220112 (EN)**

Application  
**EP 20769474 A 20200305**

Priority  
• US 201916297366 A 20190308  
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Abstract (en)  
[origin: WO2020185525A1] Aspects of the present disclosure include methods for generating a sampled profile including a plurality of sampling points having a plurality of characteristic values associated with the detected non-visible light, identifying one or more macroblocks each includes a subset of the plurality of sampling points, calculating a number of occurrences of the local pattern value within each subset of the plurality of the sampling points for each of the one or more macroblocks, generating a first array including a plurality of weighted values by calculating the plurality of weighted values based on the numbers of occurrences of the local pattern value and corresponding sizes of the one or more macroblocks, assigning a unique index to each of the plurality of weighted values, generating a second array of the unique index by ranking the plurality of weighted values, and generating a third array including a plurality of ranking distances.

IPC 8 full level  
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