

Title (en)
HEAD-UP DISPLAY

Title (de)
HEAD-UP DISPLAY

Title (fr)
DISPOSITIF D'AFFICHAGE TÊTE HAUTE

Publication
EP 2195698 A1 20100616 (DE)

Application
EP 08805003 A 20081002

Priority
• EP 2008063218 W 20081002
• DE 102007047232 A 20071002

Abstract (en)
[origin: EP2045647A1] The head-up display has a projection unit (1) with an image sensor i.e. image generating device (8), for generating a virtual image. The image sensor has a light source i.e. LEDs (81), that emits light in three color bands. The projection unit exhibits a combiner unit (2) that exhibits a triple-notch-filter at a side (22) turned towards a viewer, and an anti-reflection coating at another side (21) turned away from the viewer. The triple-notch-filter has an offset filter that reduces a transmission of the combiner unit in a wavelength range of the emitted light about a constant factor.

IPC 8 full level
G02B 27/01 (2006.01)

CPC (source: EP)
B60K 35/20 (2024.01); **B60K 35/22** (2024.01); **B60K 35/53** (2024.01); **G02B 27/0101** (2013.01); **G02B 27/0179** (2013.01); **B60K 2360/66** (2024.01); **G02B 5/26** (2013.01); **G02B 2027/0118** (2013.01); **G02B 2027/0181** (2013.01)

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US 3637315 A 19720125 - HARPER KENNARD W

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Designated extension state (EPC)
AL BA MK RS

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EP 08104260 A 20080604; DE 102007047232 A 20071002; EP 08805003 A 20081002; EP 08805005 A 20081002; EP 2008063218 W 20081002; EP 2008063220 W 20081002