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(54) **SUB-SAMPLED COLOR CHANNEL READOUT WIRING FOR VERTICAL DETECTOR PIXEL SENSORS**

UNTERABGETASTETE FARBKANALAUSLESEVERDRAHTUNG FÜR VERTIKALE DETEKTORPIXELSENSOREN

CÂBLAGE DE LECTURE DE CANAUX DE COULEUR SOUS-ÉCHANTILLONNÉS POUR CAPTEURS DE PIXEL DE DÉTECTEUR VERTICAL

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(56) References cited:

US-A- 5 965 875 US-A1- 2003 169 359
US-A1- 2008 055 437 US-A1- 2010 079 646
US-A1- 2015 029 355

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