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(57) Abrégé(suite)/Abstract(continued):

omnidirectional camera, the image data processing device has a signal processing unit 5 for taking in the signal, a writing changeover unit 25, two first internal memories in one set 6a and 6b, a data converting unit 10, a third internal memory 11 for temporarily storing the data after conversion outputted from the data converting unit, and an input/output control unit 7 for controlling input and output of the data between the third internal memory and the external memory, and the writing changeover unit accumulates signal outputted from the signal processing unit in one of the first internal memories until the data are accumulated to a predetermined amount, and when the data are accumulated to the predetermined amount, writing changeover unit changes destination of accumulation and repeatedly accumulates the data in the other of the first internal memories, and the signal is outputted to the data converting unit from the first internal memory where accumulation of the signal reaches the predetermined amount, and the data conversion unit compresses and converts an inputted signal to an image signal, and the image signal is successively inputted to the external memory by the input/output control unit.

