



G00002

CONVERSION BETWEEN FLOATING POINT DATA AND SCALAR DATA IN DIFFERENT ARCHITECTURAL REGISTERS AND MEMORY

ABSTRACT OF THE DISCLOSURE

A method and instruction for converting a number between a floating point format and an integer format are described. Numbers are stored in the integer format in a register of a first set of architectural registers in a scalar
5 format. At least one of the numbers in the scalar format is converted to a number in the floating point format. The number in the floating point format is placed in a register of a second set of architectural registers in a packed format.

Figure 1



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