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(54) **IMPROVING DES HARDWARE THROUGHPUT FOR SHORT OPERATIONS**

VERBESSERN DES DURCHSATZES VON DES-HARDWARE FÜR KURZE OPERATIONEN

AMELIORATION DU DEBIT DE TRAITEMENT D'UN MATERIEL DES POUR DES OPERATIONS
COURTES

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(56) References cited:
US-A- 4 731 843 US-A- 5 548 648
US-A- 5 809 147 US-A- 5 818 939

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