



(54) **MITIGATING NEXT INTERFERENCE**

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(57) **ABSTRACT**

A method to mitigate near end cross talk (NEXT) interference in networks may include receiving, through NEXT interference, a synchronization signal from a reference master node of a first network at a neighbor master node of a neighbor network. The method may also include scheduling, based on the synchronization signal, a cycle of downstream and upstream communications in the neighbor network synchronized with a cycle of downstream and upstream communications scheduled in the first network.

