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H-minor free graphs and outerthickness two.

The outer-thickness of a graph G is the smallest number t such that G can be represented as the union of t outer-planar subgraphs. Gonçalves proved that all planar graphs have outer-thickness 2, which is equivalent to saying that graphs that are K_5 and $K_{3,3}$ minor free have outer-thickness 2. We will extend this result to locate other graphs with the property of being H-minor free that have outer-thickness 2. (Received December 04, 2012)