

**MOBILE TEST CHAMBER FOR TESTING ENVIRONMENTAL
PERFORMANCE OF AN INTERCHANGEABLE FAÇADE SYSTEM, AND
TEST CHAMBER SYSTEM**

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ABSTRACT

There is provided a mobile test chamber for testing environmental performance of
10 an interchangeable façade system in a test environment, the test chamber including:
a testing enclosure having one or more side frames configured for releasably
securing one or more façade specimens for testing, a plurality of sensors arranged
in the testing enclosure for measuring multiple environmental parameters associated
with the testing enclosure in the test environment when the testing enclosure has
15 the one or more façade specimens releasably secured thereto, and a mobility system
disposed on a base structure of the test chamber configured for allowing mobility and
rotatability of the test chamber. There is also provided a test chamber system including
the mobile test chamber and a computer device, and a wireless network of mobile test
chambers.

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FIG. 1