

ABSTRACT**PROCESS FOR MANUFACTURING A TWO-DIMENSIONAL FILM
OF HEXAGONAL CRYSTALLINE STRUCTURE**

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10 The invention relates to a process for manufacturing a two-dimensional film of a group IV material having a hexagonal crystalline structure, in particular graphene, comprising: - the formation of a growth substrate (100), comprising the transfer of a single-crystal metal film (1) suitable for the growth of said two-dimensional film on a support substrate (2), and - the epitaxial growth of the two-dimensional film (3) on the metal film of said substrate (100).

15 [FIGURE 6]