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**MULTIMETALLIC SULPHIDE CATALYSTS AND A PROCESS FOR
SYNTHESISING SAID CATALYSTS**

A B S T R A C T

The invention concerns a catalyst containing a multimetallic sulphide phase comprising sulphur and at least one element selected from group IIIB, including the lanthanides and actinides, group IVB and at least one element selected from group VIIB and group VIII elements. The catalysts optionally contain at least one porous matrix, generally an amorphous or low crystallinity oxide matrix, and optionally at least one element selected from group VB and group VIB elements, optionally at least one source of an element selected from the group formed by P, B and Si, and optionally at least one source of a group VIIA anion. The invention also concerns a process for preparing the catalyst by sulphurisation using a compound of sulphur and of carbon containing no hydrogen.

The invention also concerns the application of the catalysts in processes for converting hydrocarbon-containing feeds.