

Title (en)

HIGH-ENTROPY ALLOY AND METHOD FOR MANUFACTURING SAME

Title (de)

LEGIERUNG MIT HOHER ENTROPIE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

ALLIAGE À ENTROPIE ÉLEVÉE ET PROCÉDÉ DE FABRICATION D'UN TEL ALLIAGE

Publication

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Application

EP 20934927 A 20200512

Priority

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Abstract (en)

A high-entropy alloy according to the present embodiment is a high-entropy alloy having an iron-rich phase and a copper-rich phase, and comprises a common complete solid solution metal that is completely solid-solved in iron and copper respectively. For example, the common complete solid solution metal may comprise nickel.

IPC 8 full level

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CPC (source: EP US)

C22C 1/02 (2013.01 - US); **C22C 30/02** (2013.01 - EP US); **C22C 33/04** (2013.01 - US); **C22C 38/02** (2013.01 - EP); **C22C 38/04** (2013.01 - EP); **C22C 38/06** (2013.01 - EP US); **C22C 38/42** (2013.01 - EP US); **C22C 38/58** (2013.01 - EP US)

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