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(54) Title: A NOVEL MIXED METAL CATALYST, ITS PREPARATION BY CO-PRECIIPITATION, AND ITS USE (57) Abstract The present invention relates to a process for the preparation of a hydroprocessing catalyst, to the catalyst composition obtainable by said process, and to the use of said catalyst composition in hydroprocessing applications. Said process comprises the steps of combining and reacting at least one Group VIII non-noble metal component in solution and at least two Group VIB metal components in solution in a reaction mixture to obtain an oxygen-stable precipitate, and sulphiding the precipitate.		