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Abstract

The present invention relates to a catalyst which contains, per 100 parts by weight of CuO, 40 to 130 parts by weight of ZnO, 2 to 50 parts by weight of Al_2O_3 and, possibly, 0.5 to 8 parts by weight of an oxide of Mn, Mo, V, Zr and/or of an alkaline earth metal and 2 to 80 parts by weight of support and which has a BET total surface area of 80 to 175 m^2/g of catalyst in the unreduced state, 70 to 95% of the BET total surface area being formed by pores having a radius $r_p \leq 15$ nm; the invention further relates to a process for the preparation of the catalyst and its use for the hydrogenation of aldehydes.

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