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(71) Applicant: **BASF CORPORATION** [US/US]; 100 Park Avenue, Florham Park, NJ 07932 (US).

(72) Inventors: **CHEN, Jian-ping**; 23800 Mercantile Road, Beachwood, OH 44122 (US). **HEDRICK, Scott**; 23800 Mercantile Road, Beachwood, OH 44122 (US). **BACIAK, Jeffrey, S.**; 23800 Mercantile Road, Beachwood, OH 44122 (US).

(74) Agent: **LOMPREY, Jeffrey, R.** et al.; Foley & Lardner LLP, 3000 K Street N.W., Suite 600, Washington, DC 20007 (US).

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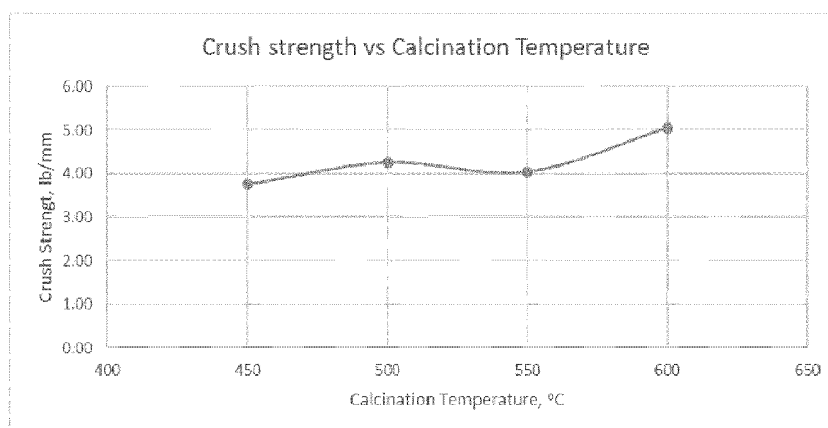
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(54) Title: HIGHLY ACTIVE AND HIGHLY SELECTIVE COPPER EXTRUDATE CATALYSTS

FIG. 1



(57) Abstract: A hydrogenation catalyst includes copper oxide, an alkali metal, and an acid-stabilized silica, wherein hydrogenation catalyst has a Brunauer-Emmett-Teller ("BET") surface area of greater than or equal to about 15 m²/g. The hydrogenation catalysts are effective for converting aldehydes, ketones, and esters to alcohols and/or diesters to diols.

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