

Title (en)

SELECTIVELY CALCINED DEHYDROGENATION CATALYST.

Title (de)

SELEKTIV KALZINIRTER DEHYDROGENIERUNGSKATALYSATOR.

Title (fr)

CATALYSEUR DE DESHYDROGENATION CALCINE DE MANIERE SELECTIVE.

Publication

**EP 0085718 A4 19840110 (EN)**

Application

**EP 82903004 A 19820817**

Priority

US 29329981 A 19810817

Abstract (en)

[origin: WO8300687A1] A catalyst found to be particularly effective in the dehydrogenation of ethylbenzene, diethylbenzene, and ethyltoluene, to olefinic compounds or vinyl aromatics where the catalyst includes iron oxide, at least 20% by weight alkali water gas promoter and at least 1.3% by weight chromium oxide where the catalyst is formed into pellets of selected configuration which are calcined at 900<math>\circ\text{F}</math> to 1110<math>\circ\text{F}</math> for 15 minutes to 8 hours.

IPC 1-7

**C07C 2/64**; **C07C 4/06**; **B01J 27/20**

IPC 8 full level

**B01J 23/86** (2006.01); **B01J 27/20** (2006.01); **C07C 1/00** (2006.01); **C07C 5/333** (2006.01); **C07C 15/46** (2006.01); **C07C 67/00** (2006.01)

CPC (source: EP)

**B01J 23/862** (2013.01); **C07C 5/3332** (2013.01)

Citation (search report)

- No relevant documents have been disclosed.
- No relevant documents have been disclosed.

Designated contracting state (EPC)

BE DE

DOCDB simple family (publication)

**WO 8300687 A1 19830303**; EP 0085718 A1 19830817; EP 0085718 A4 19840110; JP S58501272 A 19830804

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**US 8201120 W 19820817**; EP 82903004 A 19820817; JP 50298082 A 19820817