

Title (en)
Hydroconversion process.

Title (de)
Hydroumwandlungsverfahren.

Title (fr)
Procédé d'hydroconversion.

Publication
EP 0512778 A1 19921111 (EN)

Application
EP 92304001 A 19920501

Priority
US 69459191 A 19910502

Abstract (en)
A heavy hydrocarbon is hydrotreated in the presence of a supported heterogeneous catalyst bearing IV-B, V-B, VI-B, VII-B, or VIII metal and (ii) a miscible/soluble IV-B, V-B, VI-B, VII-B, or VIII metal salt catalyst.

IPC 1-7
C10G 47/02

IPC 8 full level
B01J 23/28 (2006.01); **B01J 31/20** (2006.01); **C07B 61/00** (2006.01); **C10G 45/04** (2006.01); **C10G 47/02** (2006.01); **C10G 49/02** (2006.01)

CPC (source: EP)
C10G 47/02 (2013.01)

Citation (search report)
• [A] DE 3237037 A1 19830428 - CHEVRON RES [US]
• [A] EP 0064429 B1 19850619

Cited by
EP0546686A1; EP0559399A1; EP1795577A4; EP0577413A1; US2016017240A1; US10584288B2; US7651605B2; WO2017212168A1; US10279335B2; WO2019115919A1; US10589254B2

Designated contracting state (EPC)
DE FR GB IT NL

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EP 0512778 A1 19921111; **EP 0512778 B1 19951129**; CA 2067878 A1 19921103; DE 69206314 D1 19960111; DE 69206314 T2 19960418; JP 3051566 B2 20000612; JP H05156263 A 19930622; MX 9202076 A 19921130

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