

Title (en)
VISBREAKING PROCESS

Publication
EP 0175511 B1 19880601 (EN)

Application
EP 85306152 A 19850830

Priority
US 64841384 A 19840910

Abstract (en)
[origin: EP0175511A1] Visbreaking of heavy residual oil is carried out at high severity in the presence of an organic sulfur compound containing a thiol group and a highly aromatic hydrogen donor material having HAr and H hydrogen contents each of at least 20% of the total hydrogen content.

IPC 1-7
C10G 47/34; **C10G 45/58**

IPC 8 full level
C10G 9/00 (2006.01); **C10G 45/58** (2006.01); **C10G 47/34** (2006.01)

CPC (source: EP)
C10G 9/007 (2013.01); **C10G 47/34** (2013.01)

Cited by
EP0195539A3; EP0309178A3; US2013292302A1; US9657233B2; EP0333554A1; FR2628437A1; EP0269515A1; FR2607145A1; US7645375B2; US7794587B2; US7658838B2; US7374665B2; US7727382B2; US9790446B2; US6800193B2; US7419939B2; US7652073B2; US7652074B2; US9428700B2; WO2005113707A1; US7794586B2; US7303664B2; US7306713B2; US7594989B2; US7704376B2; US7732387B2; US7537686B2

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AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0175511 A1 19860326; **EP 0175511 B1 19880601**; AT E34765 T1 19880615; AU 4648685 A 19860320; AU 580617 B2 19890119; CA 1251155 A 19890314; DE 3563063 D1 19880707; ES 546809 A0 19860301; ES 8605020 A1 19860301; JP S6166792 A 19860405; ZA 856933 B 19870429

DOCDB simple family (application)
EP 85306152 A 19850830; AT 85306152 T 19850830; AU 4648685 A 19850821; CA 490217 A 19850909; DE 3563063 T 19850830; ES 546809 A 19850909; JP 19787385 A 19850909; ZA 856933 A 19850910