

Title (en)
QUENCHING OIL COMPOSITIONS

Title (de)
ABSCHRECKÖLZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS D'HUILE DE TREMPÉ

Publication
EP 1466023 B1 20051026 (EN)

Application
EP 02805163 A 20021216

Priority
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• US 34161201 P 20011218

Abstract (en)
[origin: WO03052145A1] Quenching oil composition comprising (1) an oil having kinematic viscosity (ASTM Test Method D-445) at 40 DEG C ranging from about 4 to about 45 mm²/sec (about 40 to about 210 Saybolt Universal Seconds (SUS)) and having a saturated content from about 80 % to about 100 %; (2) an aliphatic polyolefin having Mn ranging from about 300 to about 10,000; and (3) at least one member selected from members of the groups consisting of (a) a metal salt of hydrocarbyl substituted phenols, salicylic acids, carboxylic acids, and sulfonic acids and alkaline earth metal salts of hydrocarbyl substituted saligenin derivatives; and optionally, at least one member selected from members of the groups consisting of (b) hydrocarbyl substituted succinic esters, amides, ester-amides, imides, amine salts, acid-esters, acid-amides ester-amine salts, amide-amine-salts and acid-amine salts.

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C21D 1/58

IPC 8 full level
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