

Title (en)  
CARBONYL HYDROGENATED KETONE ALDEHYDE RESINS, DEVOID OF FORMALDEHYDE, BASED ON FORMALDEHYDE AND ASSOCIATED PRODUCTION METHOD

Title (de)  
FORMALDEHYDFREIE, CARBONYLHYDRIERTE KETON-ALDEHYDHARZE AUF BASIS VON FORMALDEHYD UND EIN VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)  
RÉSINES CÉTO-ALDÉHYDIQUES SANS FORMALDÉHYDE À CARBONYLE HYDROGÉNÉ, À BASE DE FORMALDÉHYDE ET PROCÉDÉ DE PRODUCTION DESDITES RÉSINES

Publication  
**EP 1989240 A1 20081112 (DE)**

Application  
**EP 06819796 A 20061128**

Priority  
• EP 2006068972 W 20061128  
• DE 102006009079 A 20060228

Abstract (en)  
[origin: DE102006009079A1] Carbonylhydrogenated ketone-aldehyde resin (I), based on formaldehyde with free formaldehyde of less than 3 ppm, is new. Carbonylhydrogenated ketone-aldehyde resin (I) of formula (I-a) to (I-c), based on formaldehyde with free formaldehyde of less than 3 ppm, is new. R : 6-14C aromatic or 1-12C (cyclo)aliphatic; either k : 2-15 (preferably 4-12); and m : 0-13 (preferably 0-9); and l : 0-2; or k+l+m : 5-15 (preferably 5-12); and Ra : H or CH 2OH. Provided that k is greater than m; and the structure elements are connected by CH 2-group and/or CH group. Independent claims are included for the preparations of (I). [Image].

IPC 8 full level  
**C08G 6/02** (2006.01)

CPC (source: EP US)  
**C08G 6/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007098813A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102006009079 A1 20070830**; CN 101029118 A 20070905; EP 1989240 A1 20081112; JP 2009528407 A 20090806; JP 5383205 B2 20140108; US 2009012245 A1 20090108; WO 2007098813 A1 20070907

DOCDB simple family (application)  
**DE 102006009079 A 20060228**; CN 200710084358 A 20070227; EP 06819796 A 20061128; EP 2006068972 W 20061128; JP 2008556670 A 20061128; US 15990606 A 20061128