

Title (en)

Phenolic polyols and rigid cellular compositions derived therefrom.

Title (de)

Phenolische Polyole und damit hergestellte feste Schaumzusammensetzungen.

Title (fr)

Polyols phénoliques et compositions cellulaires rigides préparées à partir de ces polyols.

Publication

**EP 0116308 A1 19840822 (DE)**

Application

**EP 84100380 A 19840116**

Priority

US 45828383 A 19830117

Abstract (en)

Modified benzyl ether-containing resole polyols derived from phenol, paraformaldehyde and an aliphatic hydroxyl compound are prepared using a metal derivative as a catalyst. These polyols react with organic polyisocyanates to yield closed cell, low friability, low combustibility, rigid polyurethane foams without the need for post curing at elevated temperature. They are also useful in the preparation of modified rigid polyisocyanurate foams.

IPC 1-7

**C08G 18/54**; **C08G 8/36**

IPC 8 full level

**C08G 8/36** (2006.01); **C08G 18/54** (2006.01)

CPC (source: EP US)

**C08G 8/36** (2013.01 - EP US); **C08G 18/542** (2013.01 - EP US); **C08G 2110/0025** (2021.01 - EP US); **C08G 2110/005** (2021.01 - EP US); **C08G 2115/02** (2021.01 - EP US)

Citation (search report)

- GB 2033413 A 19800521 - BAXENDEN CHEM
- US 4120847 A 19781017 - CULBERTSON HARRY M
- US 4404334 A 19830913 - BORNSTEIN LEOPOLD F [US]

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GB2155487A; EP0165557A3; EP0518460A3; EP0177871A3; AU579406B2; WO2015042300A1; WO2010101689A2; WO2012044878A2; WO2011119329A2; WO2011123223A1; WO2014015119A2; EP0179360B1

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