

Title (en)  
DEVICE TO CARRY OUT A RADICAL POLYMERISATION, AND ITS USE

Publication  
**EP 0131885 B1 19901128 (DE)**

Application  
**EP 84108039 A 19840710**

Priority  
DE 3325095 A 19830712

Abstract (en)  
[origin: EP0131885A2] The device is particularly suitable for the manufacture of suspension polyvinyl chloride and has an impeller stirrer with a diameter d of 0.1-0.9 times the internal diameter D of the vessel, the stirrer planes having a distance from the bottom of 0.05 to 0.15 times the diameter d at the shaft and at the end, flow surfaces essentially parallel to the stirrer axis and an essentially triangular to semicircular cross-section, with  $h/d = 0.1-1$ , the blade thickness t being 0.5 to 5 times h and the ratio of d to the radius r of the curved blades being 0 to 4. <IMAGE>

IPC 1-7  
**B01F 7/18**

IPC 8 full level  
**B01F 7/00** (2006.01); **B01F 7/18** (2006.01); **B01F 15/00** (2006.01); **C08F 2/10** (2006.01); **C08F 2/22** (2006.01)

CPC (source: EP)  
**B01F 27/1123** (2022.01)

Cited by  
CN114585433A; US5984520A; CN1047096C; AU680331B2; CN103341336A; EP0323375A1; FR2625449A1; US4941750A; WO9614142A1

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