

Title (en)  
LIFTING SCOOP FOR COOLING DRUMS FOR AT LEAST PARTIALLY BROKEN UP MATERIAL

Publication  
**EP 0185916 A3 19860716 (DE)**

Application  
**EP 85114604 A 19851116**

Priority  
DE 8434907 U 19841129

Abstract (en)  
[origin: ES291003U] A lifting element (5) for pipe coolers for material produced at least partially in lumps, e.g. clinker, has a mounting portion (8) fixed to the shell (1) of the pipe cooler, and a carrier portion (9) which extends essentially at right angles thereto and comprises at least one aperture (15 24,25) passing through it. It may be of fork-like construction, with each aperture (24, 25) located between two tines (21, 22, 23).

IPC 1-7  
**F27D 15/02**; F26B 11/04; F27B 7/16

IPC 8 full level  
**F26B 11/04** (2006.01); **F27B 7/16** (2006.01); **F27D 15/02** (2006.01)

CPC (source: EP US)  
**F26B 11/0477** (2013.01 - EP US); **F27B 7/162** (2013.01 - EP US); **F27D 15/028** (2013.01 - EP US)

Citation (search report)  
• [Y] FR 1294577 A 19620526 - PREP IND COMBUSTIBLES  
• [Y] GB 126230 A 19190508 - WINQVIST NILS [SE]

Cited by  
GB2194798A; GB2194798B; USRE45360E

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0185916 A2 19860702**; **EP 0185916 A3 19860716**; **EP 0185916 B1 19900725**; AT E55004 T1 19900815; DE 3578888 D1 19900830; DE 8434907 U1 19850307; DK 546585 A 19860530; DK 546585 D0 19851126; ES 291003 U 19860416; ES 291003 Y 19861201; TR 22703 A 19880411; US 4668183 A 19870526

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