

Title (en)
Trough mangle

Title (de)
Muldenmangel

Title (fr)
Calandre en forme d'auge

Publication
EP 1688533 B2 20201125 (DE)

Application
EP 06008611 A 20020114

Priority
• EP 02000771 A 20020114
• DE 10107120 A 20010214
• DE 10152641 A 20011016

Abstract (en)
[origin: EP1688533A1] A rotary mangle, preferably with a driveable roller (10) and a flexible trough (12) for the roller, in which there is a driving mechanism (32) at one end (33) of the roller which supports the roller at that end, preferably in a bearing, more preferably in a drive shaft (35) of the driving mechanism (32).

IPC 8 full level
D06F 65/08 (2006.01); **D06F 65/00** (2006.01); **D06F 65/02** (2006.01); **D06F 67/10** (2006.01); **D06F 67/08** (2006.01); **D06F 83/00** (2006.01)

CPC (source: EP)
D06F 65/00 (2013.01); **D06F 65/08** (2013.01); **D06F 67/10** (2013.01)

Citation (opposition)
Opponent :
• US 3118241 A 19640121
• US 2956356 A 19601018 - SCHRADER LOREN E, et al
• US 2614347 A 19521021 - FREIS FREDERICK M
• US 2578928 A 19511218 - FREIS FREDERICK M
• GB 508184 A 19390627 - BRITISH THOMSON HOUSTON CO LTD
• GB 534061 A 19410226 - BRITISH THOMSON HOUSTON CO LTD
• US 2157086 A 19390502 - STILWELL JR WILLIAM EARLE
• US 2362322 A 19441107 - STILWELL JR WILLIAM E

Designated contracting state (EPC)
DE DK ES FR GB IT

DOCDB simple family (publication)
DE 10152641 A1 20020822; EP 1688533 A1 20060809; EP 1688533 B1 20120530; EP 1688533 B2 20201125

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DE 10152641 A 20011016; EP 06008611 A 20020114