

Title (en)  
SAFETY LOCK FOR GRANULATORS

Publication  
**EP 0136395 A3 19860604 (DE)**

Application  
**EP 84101797 A 19840221**

Priority  
DE 3335719 A 19831001

Abstract (en)  
[origin: EP0136395A2] The subject of the invention is a safety lock for granulators whose housing is divided in a plane running through the axle of their granulator rotor into an upper part and a lower part, the upper part being connected to the lower part so as to swivel about an axis parallel to the axle of the granulator rotor and the granulator rotor being mounted in the upper part. This safety lock consists in the fact that the granulator rotor is driven via a coupling directly by a drive motor mounted together with the lower part of the housing on a common base plate and when the granulator rotor is stationary the drive motor can be displaced in the axial direction, with the coupling half seated on its shaft, to the extent that both coupling halves disengage. <IMAGE>

IPC 1-7  
**B02C 18/16**; **B02C 23/04**; **B02C 18/24**

IPC 8 full level  
**B02C 18/14** (2006.01); **B02C 18/16** (2006.01); **B02C 18/24** (2006.01); **B02C 23/04** (2006.01); **B02C 23/16** (2006.01)

CPC (source: EP)  
**B02C 18/148** (2013.01); **B02C 18/16** (2013.01); **B02C 18/24** (2013.01); **B02C 23/04** (2013.01); **B02C 2018/162** (2013.01); **B02C 2018/168** (2013.01); **B02C 2023/165** (2013.01)

Citation (search report)  
• [Y] FR 2438762 A1 19800509 - LADERACH PAUL  
• [Y] DE 2544496 A1 19770414 - BRUDERHAUS MASCHINEN GMBH  
• [Y] US 1753300 A 19300408 - ARVID PETERSON  
• [Y] US 2508460 A 19500523 - FREDERICK LATHAM HARRY  
• [A] FR 1396468 A 19650423 - MOULINEX SA  
• [A] US 2326682 A 19430810 - RODDY FRED M  
• [A] US 3543896 A 19701201 - MOONEY GEORGE MEYER  
• [A] DE 362840 C 19221102 - WOMMER GEB, et al  
• [A] BE 505695 A

Cited by  
DE19904898B4; US2021339262A1

Designated contracting state (EPC)  
FR GB IT SE

DOCDB simple family (publication)  
**DE 3335719 C1 19850131**; EP 0136395 A2 19850410; EP 0136395 A3 19860604; JP S6078652 A 19850504; JP S6216694 B2 19870414

DOCDB simple family (application)  
**DE 3335719 A 19831001**; EP 84101797 A 19840221; JP 8038584 A 19840423