

Title (en)  
MOULDING PLANT

Publication  
**EP 0144727 B1 19880224 (DE)**

Application  
**EP 84113174 A 19841102**

Priority  
DE 3339620 A 19831102

Abstract (en)  
[origin: WO8501899A1] In a moulding installation with a moulding machine for the fabrication of flask-free sand moulds with a sand box (1) comprising at the lower end a compression and blowing grid (2) which may be closed and vertically displaced, a moulding frame and a hollow model plate support connected by a valve device to at least one air conduit, the moulding frame for the making of upper and lower half moulds is comprised of a lower flask (3) and an upper flask (4), the empty upper flask (4) being arranged, during the making of the lower half mould, above the lower flask (3) and surrounding the sand box (1).

IPC 1-7  
**B22C 9/00**; **B22C 9/02**; **B22C 11/10**; **B22C 15/22**; **B22C 15/28**; **B22D 33/00**

IPC 8 full level  
**B22C 9/20** (2006.01); **B22C 11/10** (2006.01); **B22C 15/23** (2006.01); **B22C 15/28** (2006.01); **B22D 47/02** (2006.01)

CPC (source: EP US)  
**B22C 11/10** (2013.01 - EP US); **B22C 15/28** (2013.01 - EP US)

Designated contracting state (EPC)  
FR GB IT

DOCDB simple family (publication)  
**DE 3339620 C1 19840426**; DK 299285 A 19850701; DK 299285 D0 19850701; EP 0144727 A1 19850619; EP 0144727 B1 19880224; JP S61500258 A 19860220; US 4586555 A 19860506; WO 8501899 A1 19850509

DOCDB simple family (application)  
**DE 3339620 A 19831102**; DK 299285 A 19850701; EP 8400344 W 19841102; EP 84113174 A 19841102; JP 50422084 A 19841102; US 66520384 A 19841026