

Title (en)  
FLEXIBLE MAT FORMING SYSTEM AND METHOD

Title (de)  
SYSTEM UND VERFAHREN ZUR HERSTELLUNG VON FLEXIBLEN MATTEN

Title (fr)  
SYSTÈME ET PROCÉDÉ DE FORMATION DE TAPIS FLEXIBLE

Publication  
**EP 3696329 A1 20200819 (EN)**

Application  
**EP 20157246 A 20200213**

Priority  

- US 201916277540 A 20190215
- US 201916295784 A 20190307
- US 201916530450 A 20190802

Abstract (en)  
In an exemplary embodiment, a system (300) for forming a flexible mat (74) having an open mesh (358) embedded in and interconnecting a plurality of blocks (76) of a hardened paste includes a rotating drum (314) having a plurality of mold cavities (324) about an outer periphery thereof that receive a hardenable paste (25); a sheet of the open mesh that is fed over the mold cavities so that the mesh is embedded in the hardenable paste deposited in the mold cavities; and a flexible sheet (302) that is placed against the outer periphery of the drum over the mold cavities containing the hardenable paste and the sheet of open mesh of the rotating drum to retain the hardenable paste within the mold cavities and retain the open mesh embedded in the hardenable paste as the hardenable paste solidifies to form the flexible mat.

IPC 8 full level  
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CPC (source: EP)  
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Citation (applicant)  

- US 6793858 B2 20040921 - MOTZ JAMES G [US]
- US 10161094 B2 20181225 - MOTZ JAMES G [US], et al

Citation (search report)  

- [XDAYI] US 6793858 B2 20040921 - MOTZ JAMES G [US]
- [XAYI] AU 2015100623 A4 20150625 - MDM PACIFIC PTY LTD [AU]
- [XAI] EP 0192861 A1 19860903 - WIELENS HENDRIKUS J
- [YA] US 10161094 B2 20181225 - MOTZ JAMES G [US], et al
- [Y] US 2011042844 A1 20110224 - BROWN DARRELL IAN [US], et al

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CN112211086A; CN115463597A

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Designated extension state (EPC)  
BA ME

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