



PATENTS & TECHNOLOGIES

## NEWS RELEASE

### 新闻通稿

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## I4F's 2020 showcase reinforces focus on disruptive technologies

### I4F 开启 2020 年全球突破性技术巡展

- *Global exhibition tour begins Domotex 2020, Hannover, Germany – Hall 12, B100*
- *全球巡展于德国汉诺威 Domotex 2020, Hall 12, B100 拉开序幕*
- *Increased focus on Digital Printing*
- *聚焦数字印刷技术*
- *New offerings in materials and panel composition, surface finishing and manufacturing processes*
- *提供材料和板材组成、表面处理和生产工艺领域的新技术*

DOMOTEX, HANNOVER, GERMANY – I4F®, a group of companies providing patents and technologies to the flooring industry, today announced its 2020 showcase. The company kicks off its global exhibition tour this week at Domotex in Hannover, Germany - Hall 12, B100. This is followed by its presence at SURFACES (TISE) in Las Vegas, Domotex USA in Atlanta and Domotex asia/CHINA FLOOR in Shanghai.

德国汉诺威 Domotex - I4F®, 一家专注地板行业专利和技术解决方案的集团公司，今天宣布其 2020 年全球展示。公司将于本周在德国汉诺威 Domotex, Hall 12, B100 开始其全球巡展，紧随其后的是在拉斯维加斯的 SURFACES (TISE)，亚特兰大的 Domotex USA 和在上海的 Domotex asia/CHINA FLOOR。

The company is showcasing all the latest technologies and innovations immediately available via an I4F license from each of its patent clusters. I4F's Patent Cluster Concept offers cutting-edge solutions in the areas of locking, materials and panel composition, board and wall panels, manufacturing processes as well as for surface finishing and digital printing.

I4F 将展示其专利集群中，所有其可立即授权的最新技术和创新。I4F 的专利集群概念在地板锁扣、材料和板材组成、墙板安装、生产工艺以及表面处理和数字印刷领域提供了前沿的解决方案。

**Locking Cluster:** With locking as I4F's core centre of expertise, the company's flagship technologies - 3L TripleLock® and Click4U® - provide unique drop-lock flooring installation systems that eliminate the need for an additional insert on the short side. Both technologies are suitable for all materials and formats, can be manufactured on existing high speed production and have multiple installation benefits. Installation is up to 30% faster than basic clicks and no special tools are required. As the industry's easiest and best drop-lock system, I4F continues to build on its industry leading installation technologies and will share details on the newest, breakthrough member of its 3L TripleLock family.

**锁扣集群:** 锁扣作为 I4F 的核心，公司的旗舰技术，3L TripleLock® 和 Click4U® 提供了独特的直落式地板安装系统，短边无需额外的插条。这些技术可用于所有材料和产品规格，适用

于现有的高速生产，并具有多种安装优点。安装速度比普通锁扣快 30%且不需要特殊的工具。作为行业内最容易和最好的直落式锁扣系统，I4F 又进一步开发了 3L TripleLock 技术，并将在展会上分享最新细节。

**Digital Printing Cluster:** I4F licensees have access to the flooring industry's most sophisticated digital printing technologies. These enable manufacturers to create unique designs, achieve superior optical quality on a wide range of different core boards and PVC films while avoiding unnecessary inventory on pre-printed materials.

**数字印刷集群:** I4F 的专利用户可以使用到地板行业最先进的数字印刷技术。该技术使制造商能够创造独特的设计，在各种不同的芯板和 PVC 薄膜上实现卓越的视觉效果，同时避免不必要的库存预印材料。

**Surface Finishing Cluster:** A surface finishing treatment achieved through a sophisticated curing process delivering the ultimate matt look by reducing light reflection while delivering improved resistance to stains and scuffing.

**表面处理集群:** 表面处理工艺通过复杂的固化过程，减少光反射实现最终的亚光效果，同时提高了耐污渍和耐磨损力。

**Materials & Panel Composition Cluster:** I4F is showcasing a high-performance static dissipative and static conductive flooring solution designed to keep sensitive, high traffic environments like operating theatres, computer rooms and electronics safe. Previously announced, but not yet shown, is a breakthrough magnesium oxide (MgO), veneer board that resolves virtually all the disadvantages currently associated with natural wood flooring by reducing moisture intake and flammability on any floor level or room type.

**材料和板材组成集群:** I4F 将展示高性能的耗散静电地板和导静电地板解决方案，旨在保持敏感性，良好的移动环境，适用于包括手术室、机房等，保证电子器件安全。先前已宣布但尚未展示的，是突破性的氧化镁(MgO)木皮复合地板，适用于任意楼层或房间类型，通过减少水分摄入和可燃性，能解决目前所有与天然木地板有关的缺点。

**Boards and Wall Panels Cluster:** I4F's licenses 3D wall and flat wall and ceiling installation systems that enable manufacturers to enter new markets as well as leverage their existing designs by launching expanded collections combining floors, walls and ceilings.

**墙板安装集群:** I4F 授权的 3D 墙和平面墙以及天花板安装系统，使制造商能利用现有的设计推出结合地板、墙壁和天花板的扩展系列，进入新的市场。

**Manufacturing Process Cluster:** I4F licenses manufacturing processes that help the global flooring industry achieve its sustainability and cost management goals. New innovations include "LevioTech", I4F's patented technology enabling manufacturers to save up to 15% percent on materials of rigid polymer boards by optimizing the extrusion process during production. Also new, is a manufacturing process that helps prevent glue and ink marks penetrating through to the surface of vinyl flooring often resulting in costly financial claims, post installation.

**生产工艺集群:** I4F 授权的生产工艺专利帮助全球地板行业实现可持续发展和成本管理目标。创新专利技术包括 "LevioTech"，通过在生产中优化挤出过程，能使制造商节省高达 15% 的硬质聚合物板材。另一项全新的生产工艺技术，有助于防止因胶水和油墨渗入乙烯基地板表面导致在安装后产生昂贵的索赔。

John Rietveldt, I4F's CEO, said, "I4F constantly seeks out and markets disruptive technologies that have a profound impact on today's global flooring landscape by making a positive difference to everyday life, with locking as its core strength. Our Patent Cluster Concept enables licensees to pick and choose from close to 3,000 technologies, with the option to select patents, or groups of patents, that best meet their current business needs. We believe in freedom of choice and our technologies are designed to stimulate growth well into the future."

I4F 的首席执行官 John Rietveldt 先生说道：“I4F 以锁扣技术为核心，不断寻找和提供突破性的技术，通过为日常生活做出积极的改变，对当今全球地板行业前景产生深远的影响。我们的专利集群概念使被许可方能在近 3000 项技术中进行挑选，并选出最能满足其当前业务需求的专利或专利组。我们相信自由选择，我们的技术旨在刺激未来的增长。”

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About I4F:

*I4F is an innovations group focused on the development of patents and technologies for the flooring industry. Its portfolio includes IP for flooring installation and wall mounting systems, material compositions, surface treatment, digital printing as well as laminate and board production technologies. I4F has strategic partnerships with the industry's most important IP players, including Classen, Kronospan, UWC, Kowon, CFL Flooring, Tarkett, Kingdom Flooring, Lico and Benchwick. The company's flagship technologies, 3L TripleLock and Click4U, provide a unique one piece drop-lock installation technique for flooring panels that eliminates the need for an additional insert on the short side. The solution is suitable for laminate, luxury vinyl tiles, expanded polymer core, solid polymer core and wooden flooring panels. International patents and patent applications for I4F's technologies have been granted and filed in over 100 countries worldwide. Visit [I4F.com](http://I4F.com)*

I4F 是一家致力于地板行业专利和技术研发的高新技术集团，其专利组合包括地板安装和墙板安装，材料配比，表面处理，数字印刷，强化地板以及板材生产技术的知识产权。I4F 与行业内顶级的知识产权领导者 Classen, Kronospan, UWC, Kowon, CFL Flooring, Tarkett, Kingdom Flooring, Lico 及 Benchwick 建有战略合作关系。公司的旗舰技术 3L TripleLock 和 Click4U 锁扣技术为地板安装提供了独一无二的整体直落式锁扣安装系统，短边安装不再需要额外的塑料插条。该技术适用于强化地板、LVT、WPC、SPC、多层实木地板和实木地板，I4F 已经在全球 100 多个国家为其相关技术申请了专利保护。官网：[www.i4f.com](http://www.i4f.com)