



# HARTWELL CORPORATION

Hartwell Part Number	Patent Number
<b>HA1010</b>	7255376; CA2489598; FR1576248; DE60349942.2; IT1576248; ES1576248; GB1576248
<b>HA1013</b>	7255376; CA2489598; FR1576248; DE60349942.2; IT1576248; ES1576248; GB1576248
<b>HA1013K3999</b>	7255376; CA2489598; FR1576248; DE60349942.2; IT1576248; ES1576248; GB1576248
<b>HA1085</b>	7255376; CA2489598; FR1576248; DE60349942.2; IT1576248; ES1576248; GB1576248
<b>HA1162</b>	7131672; 7185926
<b>HA1166</b>	6913297
<b>HA1168</b>	7252311; GB1797263; ES1797263; FR1797263; CN05800392153
<b>HA1194</b>	7255376; CA2489598; FR1576248; DE60349942.2; IT1576248; ES1576248; GB1576248
<b>HA1194K4128</b>	7255376; CA2489598; FR1576248; DE60349942.2; IT1576248; ES1576248; GB1576248
<b>HA1229</b>	7255376; CA2489598; FR1576248; DE60349942.2; IT1576248; ES1576248; GB1576248
<b>HA1247</b>	8925979; GB1927711; FR1927711
<b>HA1266</b>	6913297
<b>HA1291</b>	8925979; GB1927711; FR1927711
<b>HA1292</b>	8925979; GB1927711; FR1927711
<b>HA1292-3K4510</b>	8925979; GB1927711; FR1927711
<b>HA1293</b>	8925979; GB1927711; FR1927711

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<b>HA1294</b>	8925979; GB1927711; FR1927711
<b>HA1295</b>	8925979; GB1927711; FR1927711
<b>HA1299</b>	8925979; GB1927711; FR1927711
<b>HA1313</b>	8919829; ES2507451; FR2507451; DE602010062074.3
<b>HA1391</b>	8925979; GB1927711; FR1927711
<b>HA1392</b>	8925979; GB1927711; FR1927711
<b>HA1392-3K4367</b>	8925979; GB1927711; FR1927711
<b>HA1392-3K4510</b>	8925979; GB1927711; FR1927711
<b>HA1395</b>	8925979; GB1927711; FR1927711
<b>HA1399</b>	8925979; GB1927711; FR1927711
<b>HA1467</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1477</b>	7882941; FR2165088; JP5269073; CA2691283; CN102203451; Patent Pending
<b>HA1477-1K4186</b>	7882941; FR2165088; JP5269073; CA2691283; CN102203451; Patent Pending
<b>HA1477-1K4337</b>	7882941; FR2165088; JP5269073; CA2691283; CN102203451; Patent Pending
<b>HA1521</b>	8544900; JP5485916; IL207319; CN101960080; CA2713779; FR2245245; ES2245245; GB2245245; DE602009047747.1
<b>HA1530</b>	8544900; JP5485916; IL207319; CN101960080; CA2713779; FR2245245; ES2245245; GB2245245; DE602009047747.1
<b>HA1569</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1570</b>	8016327; GB1892359; ES1892359; FR1892359

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<b>HA1571</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1572</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1573</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1574</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1577</b>	8544900; JP5485916; IL207319; CN101960080; CA2713779; FR2245245; ES2245245; GB2245245; DE602009047747.1
<b>HA1581</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1582</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1583</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1584</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1585</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1586</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1605</b>	6913297
<b>HA1606</b>	6913297
<b>HA1711</b>	ES2663707; FR2663707; DE602012060130.2; CA2826868
<b>HA1711-1K4332</b>	ES2663707; FR2663707; DE602012060130.2; CA2826868
<b>HA1711-1K4390</b>	ES2663707; FR2663707; DE602012060130.2; CA2826868
<b>HA1717</b>	6913297
<b>HA1783</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452

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<b>HA1783K4260</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA1783K4262</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA1783-1K4263</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA1783K4270</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA1783-1K4421</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA1816</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA1851</b>	6913297
<b>HA1851-1K4366</b>	6913297
<b>HA1875</b>	8016327; GB1892359; ES1892359; FR1892359
<b>HA1898</b>	6913297
<b>HA2027</b>	9580945; CN104884721; FR2914793; ES2914793
<b>HA2055</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA2078</b>	9650807; ES3108080; FR3108080; DE602015022814.6; Patent Pending
<b>HA2093</b>	10670063; FR3025548
<b>HA2165</b>	9500014; ES2009407; FR2009407; DE602013074793.8; CN106884588; CN104919123; Patent Pending
<b>HA2203</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA2259</b>	10392830; 11193305; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2259K4396</b>	10392830; 11193305; D973463; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending

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<b>HA2259K4416</b>	10392830; 11193305; D973463; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2259K4469</b>	10392830; 11193305; D973463; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2263</b>	10392830; 11193305; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2263K4410</b>	10392830; 11193305; D973463; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2263K4411</b>	10392830; 11193305; D973463; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2273</b>	D973463
<b>HA2307</b>	10392830; 11193305; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2320</b>	11408210; GB3740633; ES3740633; FR3740633; DE602019013673
<b>HA2367</b>	10392830; 11193305; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2368</b>	10392830; 11193305; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
<b>HA2375</b>	10443279; GB3344834; ES3344834; FR3344834; DE602016055695.2
<b>HA2382</b>	10443279; GB3344834; ES3344834; FR3344834; DE602016055695.2
<b>HA2384</b>	11002046; GB3426870; ES3426870, FR3426870; DE602017016252.3
<b>HA2405</b>	9580945; CN104884721; FR2914793; ES2914793
<b>HA2416</b>	D973463
<b>HA2430</b>	Patent Pending
<b>HA2433</b>	6913297
<b>HA2453</b>	10443279; GB3344834; ES3344834; FR3344834; DE602016055695.2

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<b>HA2454</b>	10443279; GB3344834; ES3344834; FR3344834; DE602016055695.2
<b>HA2455</b>	11002046; GB3426870; ES3426870, FR3426870; DE602017016252.3
<b>HA2464</b>	10767404; 11421459
<b>HA2470</b>	11053717; ES3577023; FR3577023
<b>HA2516</b>	11408210; GB3740633; ES3740633; FR3740633; DE602019013673
<b>HA2553</b>	10443279; GB3344834; ES3344834; FR3344834; DE602016055695.2
<b>HA2554</b>	10443279; GB3344834; ES3344834; FR3344834; DE602016055695.2
<b>HA2555</b>	11002046; GB3426870; ES3426870, FR3426870; DE602017016252.3
<b>HA2561</b>	11358701; FR3079493
<b>HA2660</b>	11358701; FR3079493
<b>HA2620</b>	Patent Pending
<b>HA2624</b>	9169678; GB2507452; ES2507452; DE2507452; FR2507452
<b>HA2629</b>	11193305
<b>HA2630</b>	11193305
<b>HA2631</b>	D973463
<b>HA2660</b>	11358701; FR3079493
<b>HA2754</b>	10443279; GB3344834; ES3344834; FR3344834; DE602016055695.2
<b>H2800</b>	10392830; 11193305; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending

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H3125	10392830; 11193305; GB3191666; ES3191666; FR3191666; DE602015041342.3; Patent Pending
HA806	6945573
HA938	6971689

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